



Product List

Building Blocks



Company Profile

BirdoTech is a cutting-edge CRDMO service organization specializing in small molecule modality. Our vision is to help our clients realize maximum value, through our world-class innovation-driven drug discovery and manufacturing service platform. We collaborate with leading pharmaceutical companies and institutes, offering services such as FTE and FFS for discovery medicinal chemistry, and CDMO for the commercial manufacturing of KSMs (ISO) and registered intermediates (c-GMP). Renowned for meeting tight timelines, we support critical trials with our breakthrough scientific innovations and expediting time to market. Our laboratories are outfitted with state-of-the-art instruments to provide reliable data crucial for decision-making. To meet client demands, we employ > 330 scientists and have expanded our R&D laboratory space to 20,000 m².

At BirdoTech, we are committed to:

Clients: Delivering reliable, high-quality products and services RFT and OTIF

Employees: Providing safe working environment and rewarding career opportunities

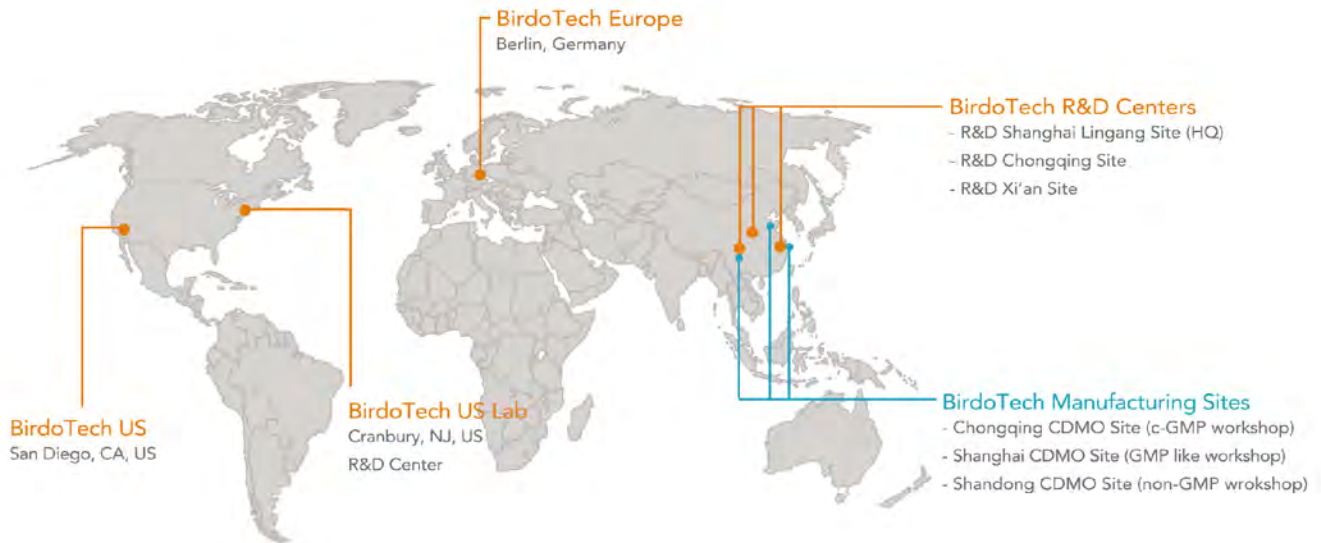
Suppliers: Establishing trusted partnerships for mutual success

Communities: Benefiting both the community and environment





Company Distributions



BirdoTech R&D Centers



Lingang Site



Chongqing Site



Xi'an Site



New Jersey Site



BirdoTech CDMO Site

BirdoTech's wholly-owned CDMO Base (Chongqing, c-GMP Plant)

The Chongqing CDMO base expansion project consists of three multi-purpose workshops dedicated to producing APIs, registered intermediates, and c-GMP starting materials, fully comply with FDA and EMA regulatory standard of c-GMP workshops. With a manufacturing capacity > 400 m³, in which approximately 66 m³ of which will first come on stream by the summer of 2024.

Geographic Location

Located in Tongnan City, Chongqing, our CDMO base benefits from superb connectivity and infrastructure. Chongqing's strategic position in Southwest China offers easy access to regional and global markets, making it an ideal hub for our operations.

Capability and Capacity

With a manufacturing capacity exceeding 400 m³, we will efficiently handle large-scale production requirements, approximately 100 tons per year, meeting the increasing demands of our clients. This will ensure the timely and reliable delivery of high-quality pharmaceutical products, meeting RFT (Right First Time) and OTIF (On Time In Full) standards. The production process is supported by a comprehensive and sustainable infrastructure, including a solvent tank farm, high-pressure hydrogenation unit, waste treatment facilities, utility services, multi-function pilot plants, warehouses, QC/QA labs, and regulatory documentation offices. Furthermore, we are considering capabilities for High Potent APIs and intermediates with a toxicity level of OEB 4 to 5. Moreover, Phase 2 will further expand the capacities with an incremental approximately 600 m³ c-GMP capacity, with design work commencing in late 2024.

- **Phase one:** Area of the Premises: 66,700 m² Building Area: 40,000 m²
Investment: \$80,000,000



- Multi-purpose workshops:
 - WS1 (150 m³);
 - WS2 (150 m³);
 - WS3 (110 m³);
 - WS4 (4.5 m³) Hydrogenation Bay
- Warehouses:
 - WH1: Solid RM, PM and final products
 - WH2: Liquid RM and reagents
 - WH3: Hazardous RM
 - WH4: Dangerous when wet materials
- WWTP: 1,000 ton/day
- Solvent tank farm
- Utilities
- Chemistry lab, QA, QC, Regulatory & Office building
- Waste treatment: RTO, resin adsorption

- **Phase two:** 62,000 m²
Design will be initiated in 2024

Business Overview

RESEARCH

Building Block

Catalog Reagent
Compound Management

CRO (Contract Research Org.)

FTE (Full Time Equivalent)
FFS (Fee For Service)

DPC (Discovery Process Chemistry)

Connect small scales synthesis in medicinal chemistry lab and CMC stage
Focus on fast, safe and green scale-up. Prioritize time and reduce costs
Process optimization, but rapid delivery to meet demand is fundamental

CDMO (Contract Development & Manufacture Org.)

Process R&D
cGMP & non-GMP API Production
cGMP & non-GMP KSM/RSM Production
New Materials & Function Chemicals

LAUNCH/MARKETING

CDMO Services

CRO Services

Service Offering Focus

Drug Discovery

Library synthesis
Hit identification
Hit-to-lead discovery
Lead generation
Lead optimization
SAR development
Synthetic route design
Salt/co-crystal screening

Chemistry Services

Flow chemistry
Solid-state research platform
Protac technology
Peptide synthesis
Enzyme screening
Impurity synthesis
Catalyst screening platform
Antibody drug conjugates

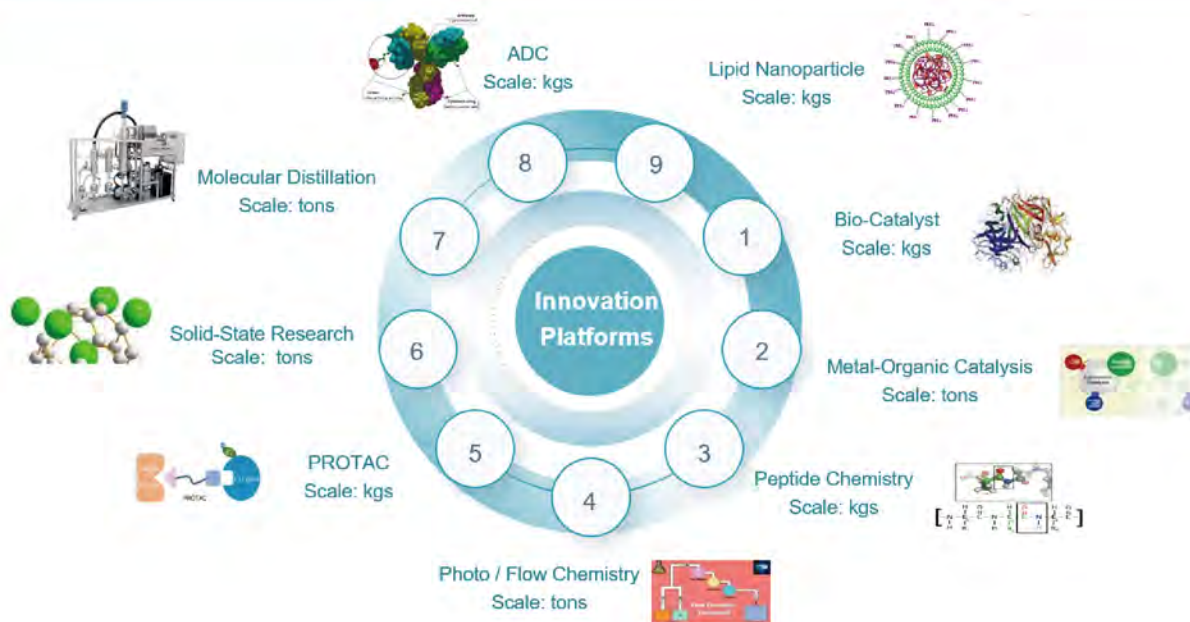
Chemistry, Manufacturing and Control

Discovery process chemistry
Process chemistry
API production
Chemical properties analysis
Method development and validation
Stability study
Impurities profile study
Quality Assurance

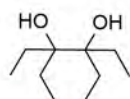
Scale

Small scale

Small-scale production (preclinical, phase I, phase II)
Large-scale production (phase III, commercial)

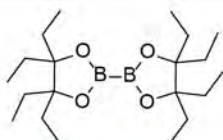


Featured Products



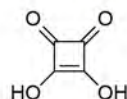
Multi-tons stock

AC288169 / CAS: 6931-71-1



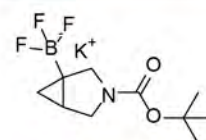
Hundred-kilos stock

AC529762 / CAS: 2247367-07-1



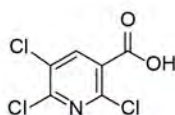
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AC530521 / CAS: 2892-51-5



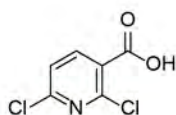
Hundred-grams stock

AC537566 / CAS: 2095504-38-2



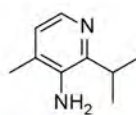
Multi-tons stock

AC514573 / CAS: 54718-39-7



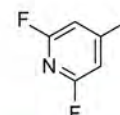
Kilo-scale stock

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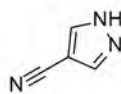
Multi-tons stock

AC010511 / CAS: 1698293-93-4



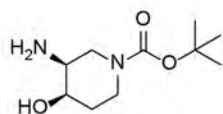
Kilo-scale stock

AC502686 / CAS: 685517-71-9



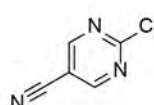
Hundred-kilos stock

AC500888 / CAS: 31108-57-3



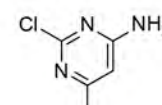
Hundred-grams stock

AC506834 / CAS: 1820579-78-9



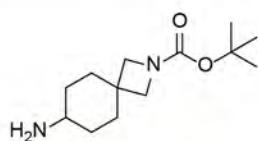
Kilo-scale stock

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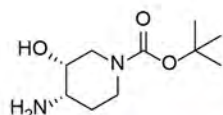
Hundred-kilos stock

AC501157 / CAS: 14394-60-6



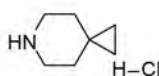
Hundred-grams stock

AC621368 / CAS: 1408075-19-3



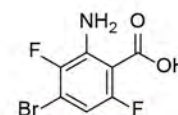
Hundred-grams stock

AC506838 / CAS: 1821799-48-7



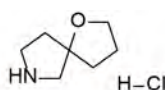
Kilo-scale stock

AC612773 / CAS: 1037834-62-0



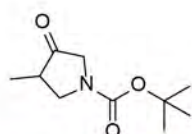
Kilo-scale stock

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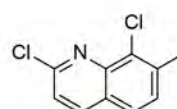
Mature synthesis process

AC543572 / CAS: 1419590-81-0



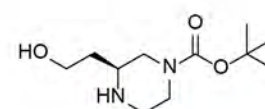
Hundred-grams stock

AC122096 / CAS: 885102-34-1



Hundred-grams stock

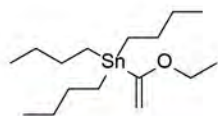
AC503496 / CAS: 1690692-63-7



Hundred-grams stock

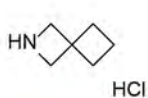
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Featured Products



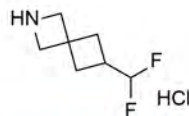
Hundred-kilos stock

AC130257 / CAS: 97674-02-7



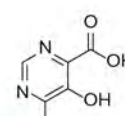
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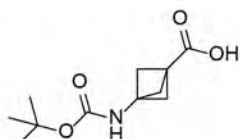
Hundred-grams stock

AC378177 / CAS: 2411265-54-6



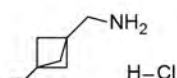
Mature synthesis process

AC058402 / CAS: 2869955-58-6



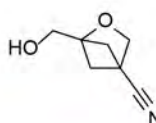
Hundred-grams stock

AC010478 / CAS: 303752-38-7



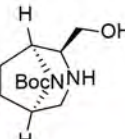
Hundred-grams stock

AC567096 / CAS: 2108917-20-8



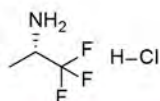
Mature synthesis process

AC093718 / CAS: 2757731-75-0



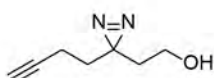
Hundred-grams stock

AC519898 / CAS: 2820536-71-6



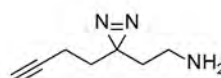
Hundred-kilos stock

AC519129 / CAS: 125353-44-8



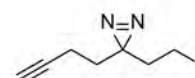
Hundred-grams stock

AC742747 / CAS: 1450754-41-2



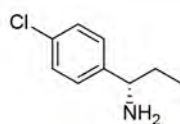
Hundred-grams stock

AC548049 / CAS: 1450752-97-2



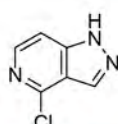
Hundred-grams stock

AC748062 / CAS: 1226781-82-3



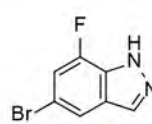
Hundred-grams stock

AC463840 / CAS: 114853-62-2



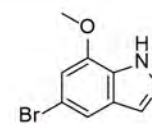
Kilo-scale stock

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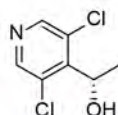
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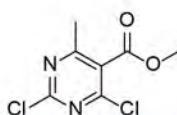
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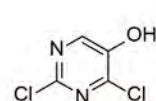
Hundred-grams stock

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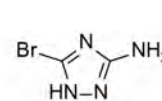
Hundred-grams stock

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Hundred-grams stock

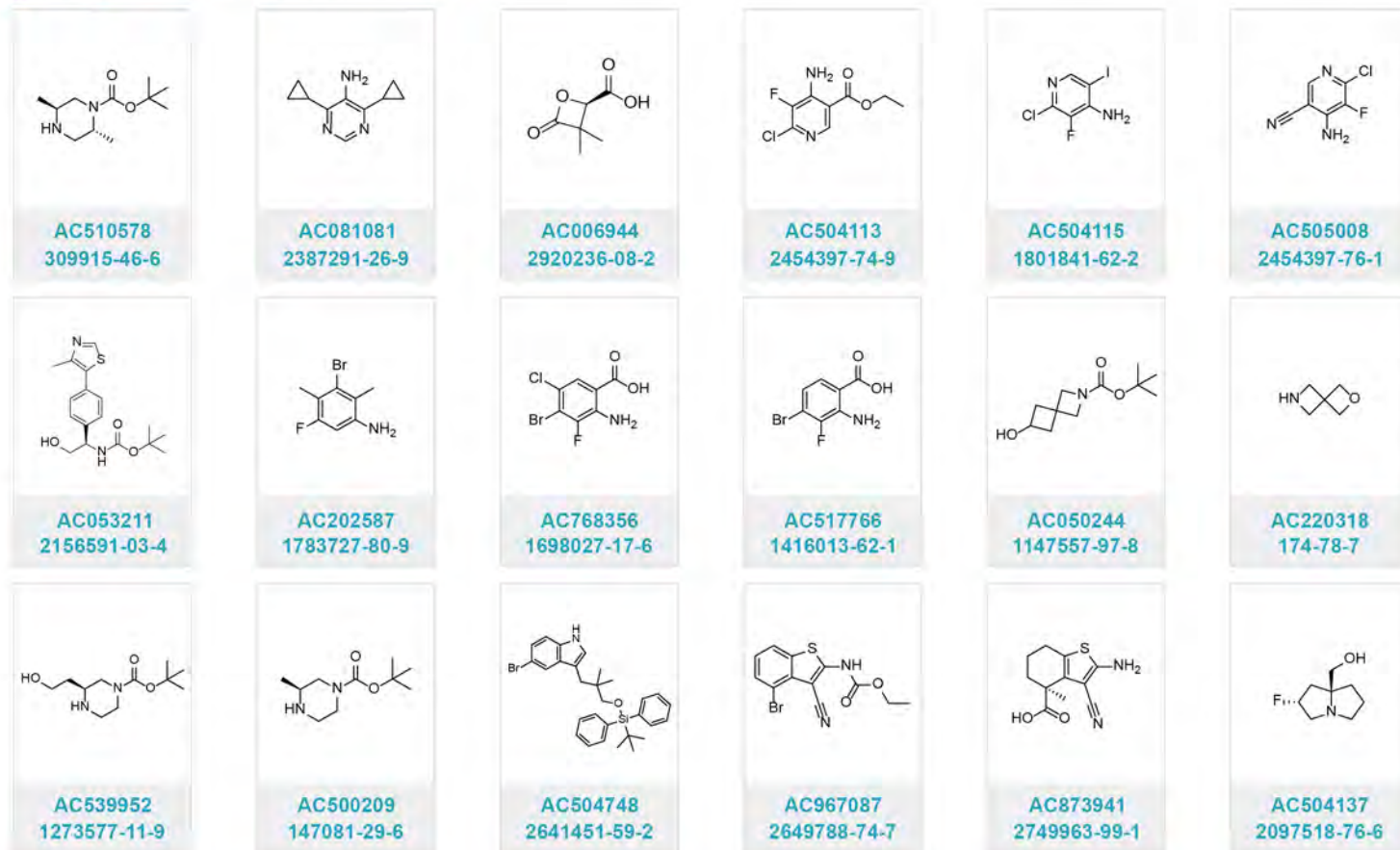
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Kilo-scale stock

AC763763 / CAS: 389122-08-1

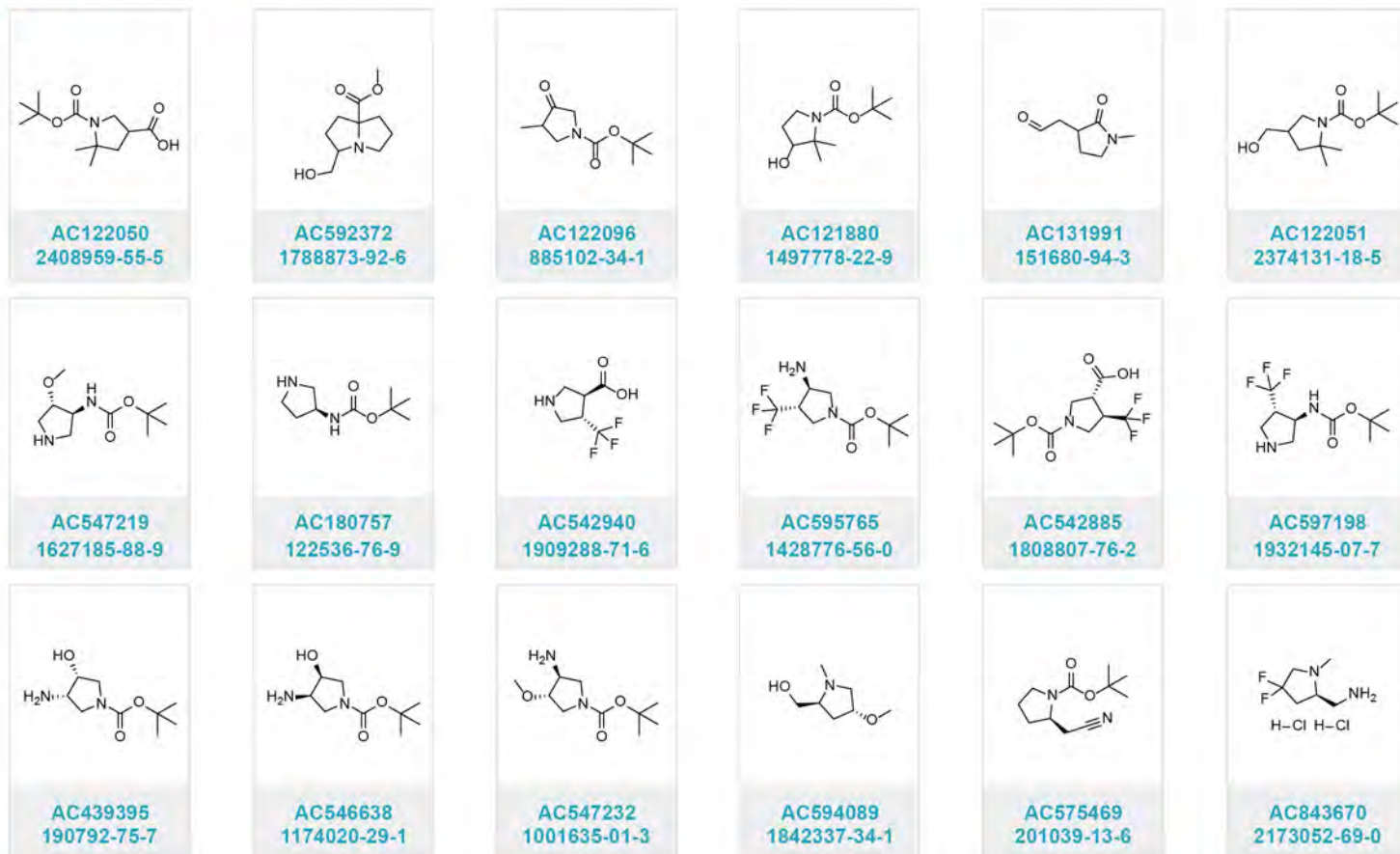
Target KRas related BBs



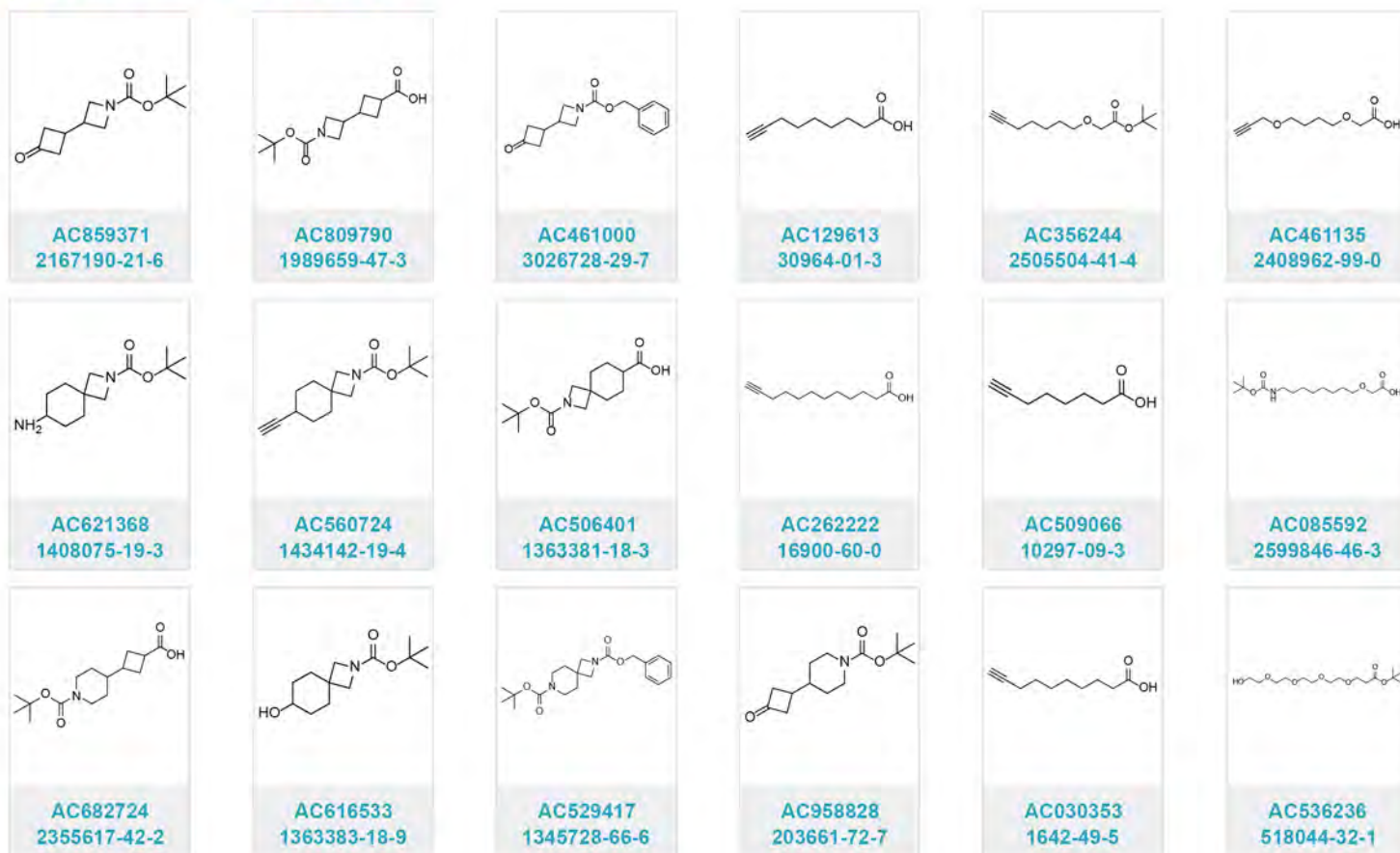
Piperazine



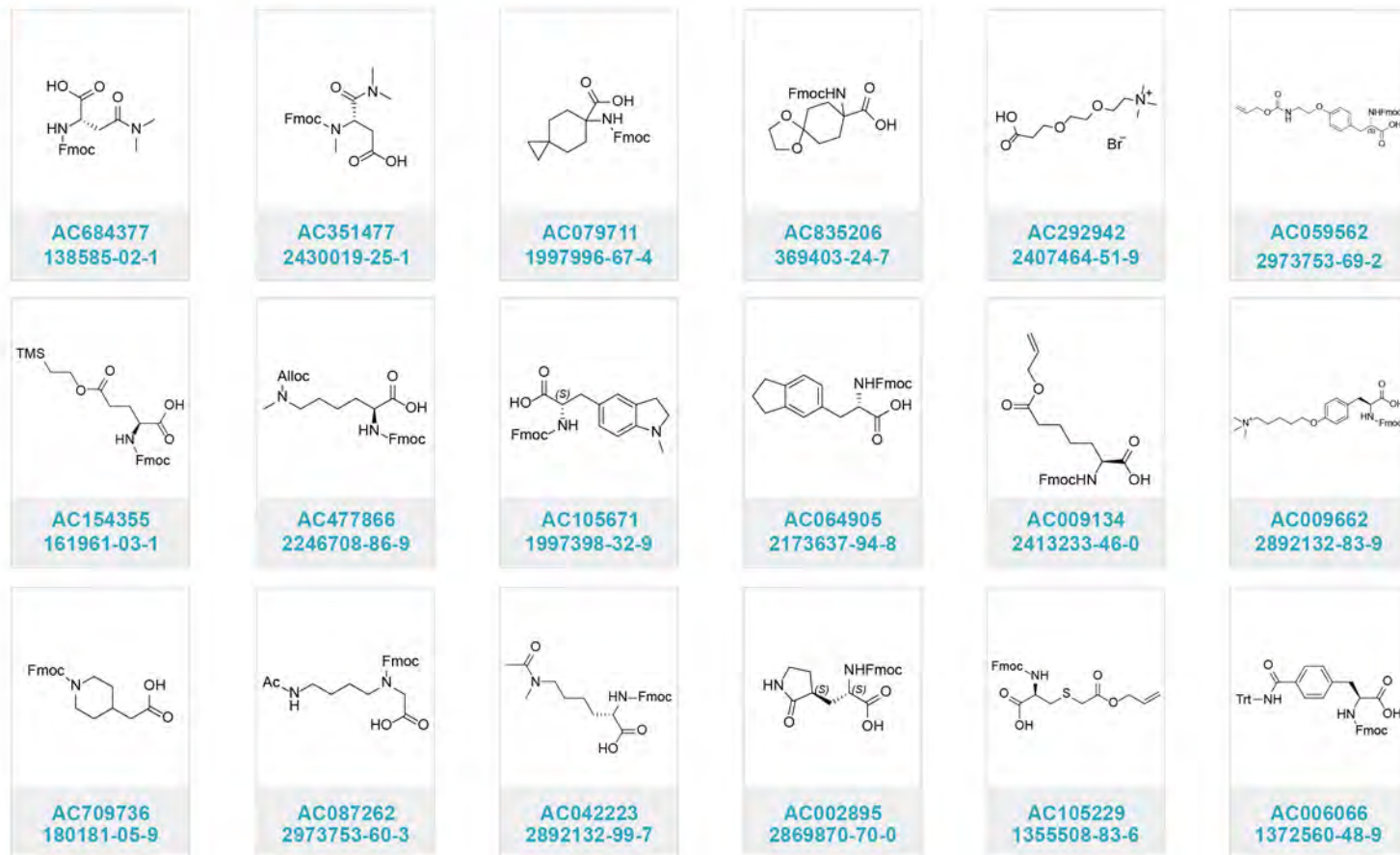
Pyrrolidine



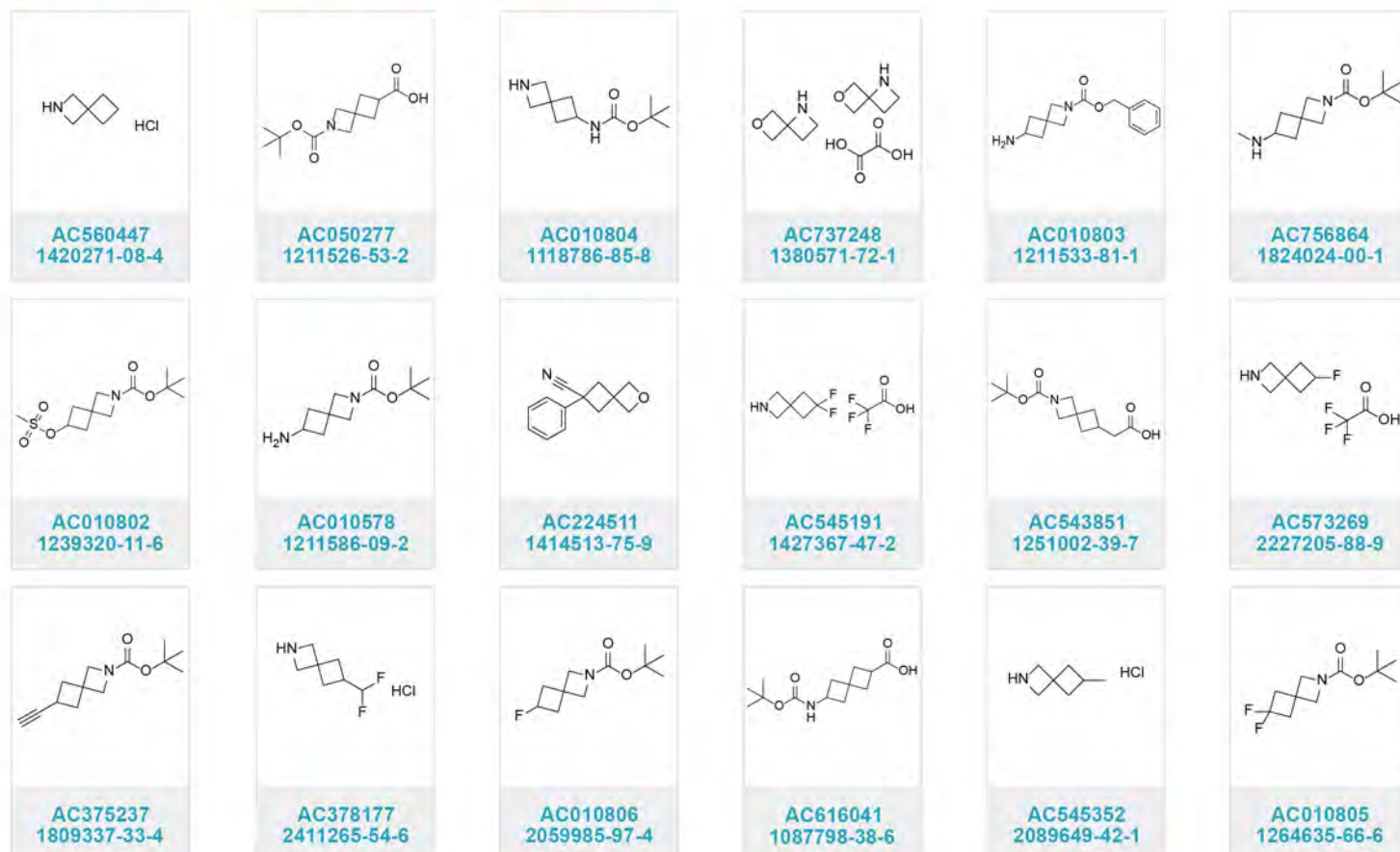
Protac linker backup



Advanced unnatural amino acids



Bioisosteres of piperidine (Spiro[3.3])



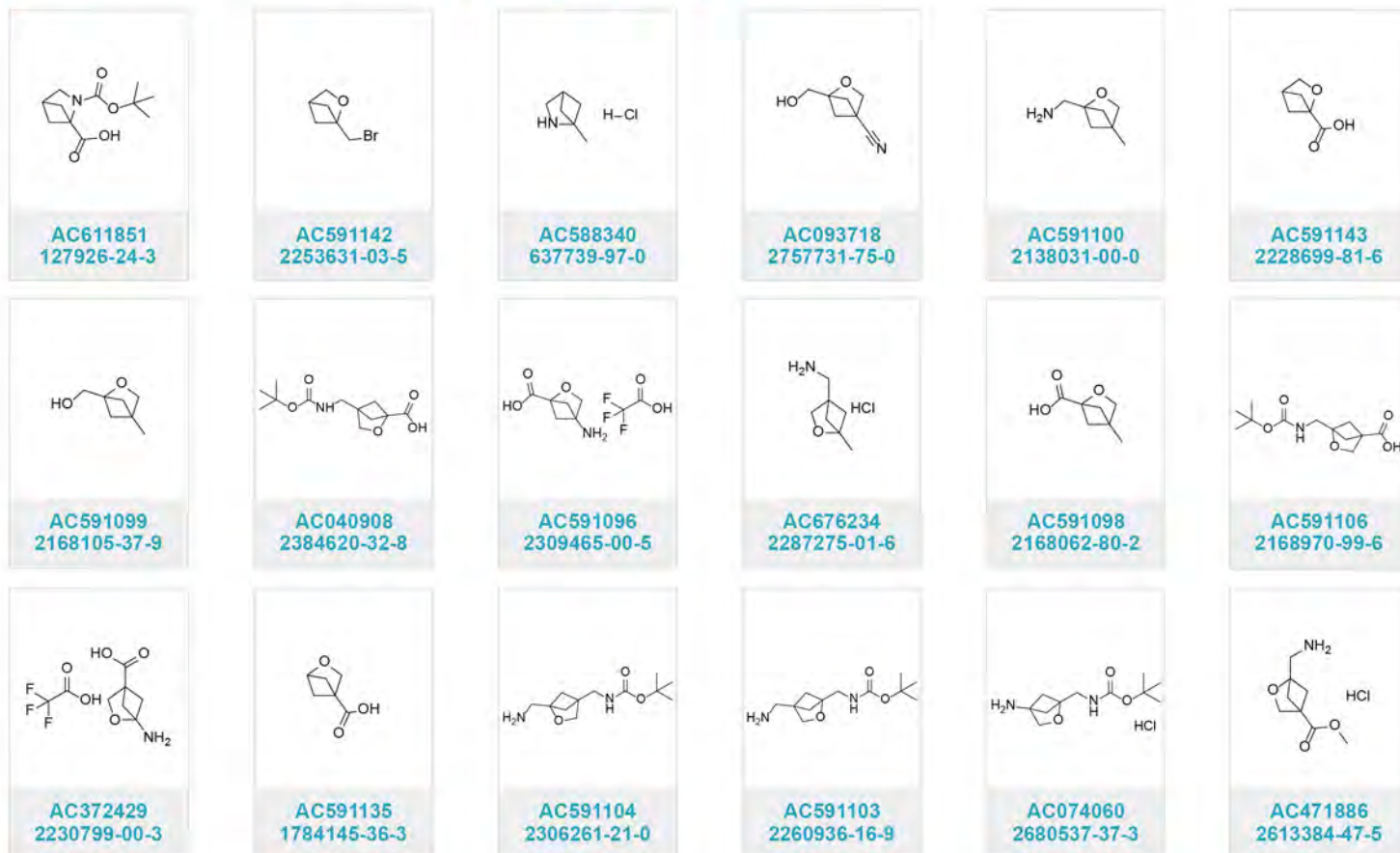
Bioisosteres of benzene (Bridged[1.1.1]) part 1



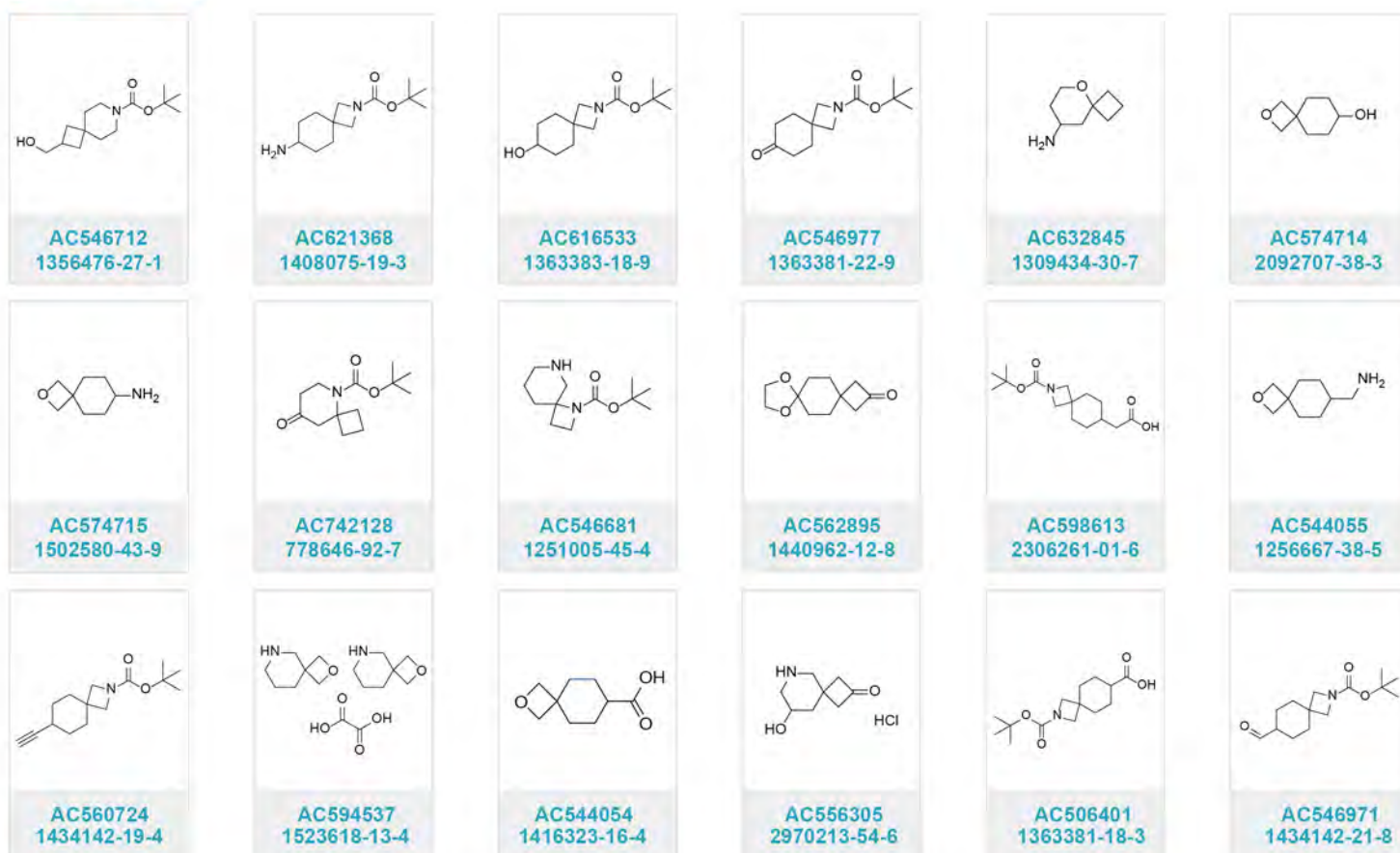
Bioisosteres of benzene (Bridged[1.1.1]) part 2



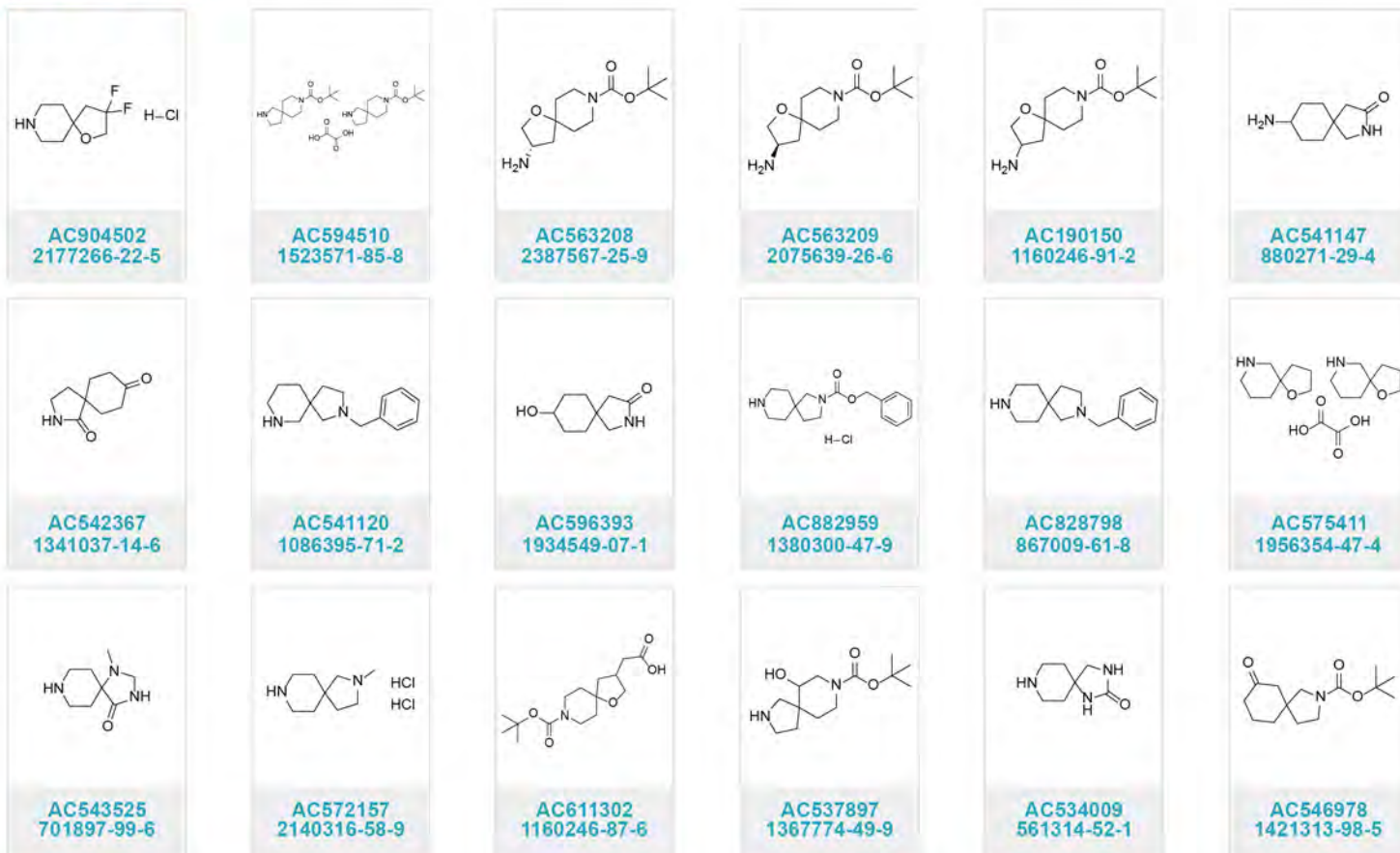
Bioisosteres of benzene (Bridged[2.1.1]) part 3



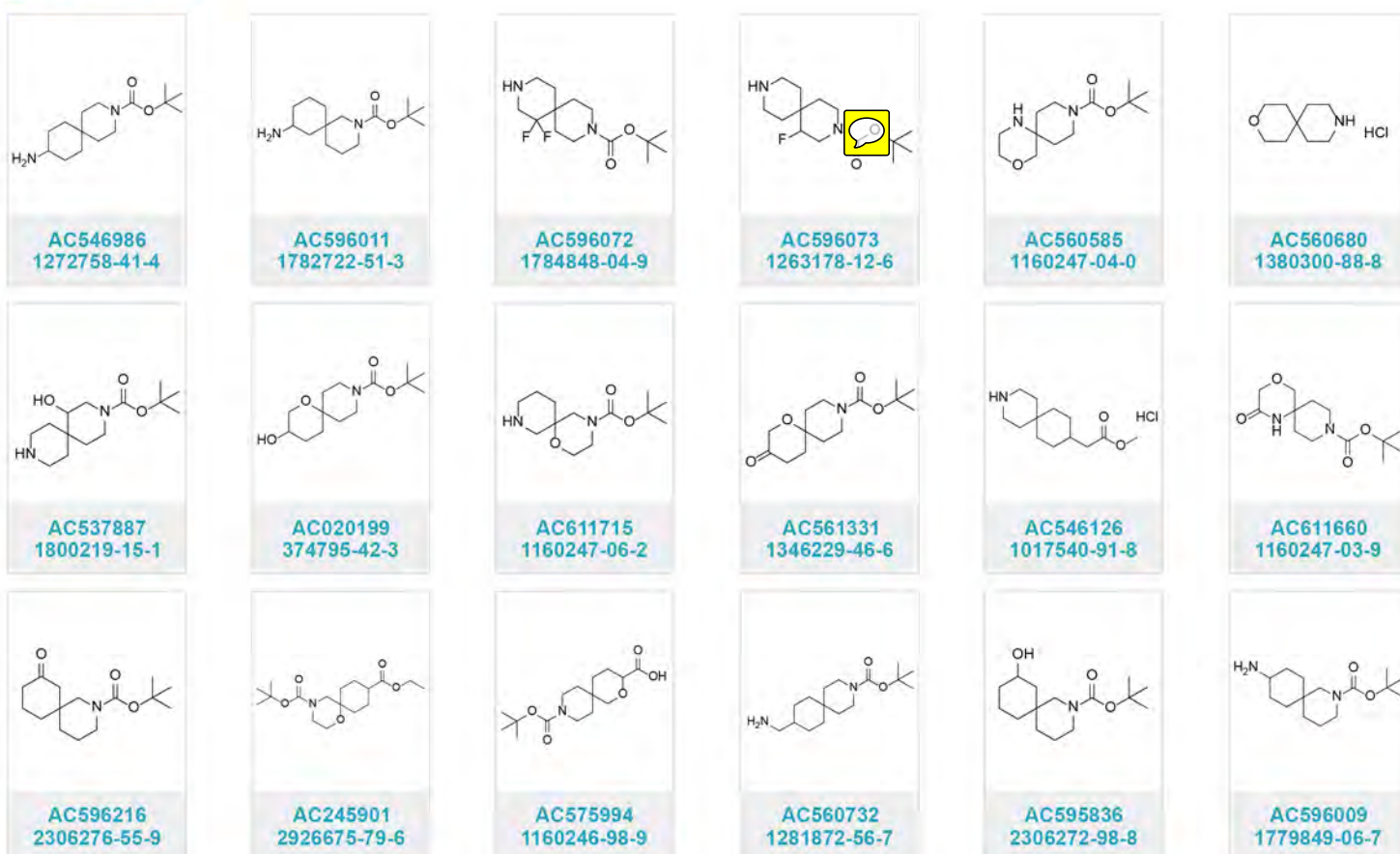
Spiro[5.3]



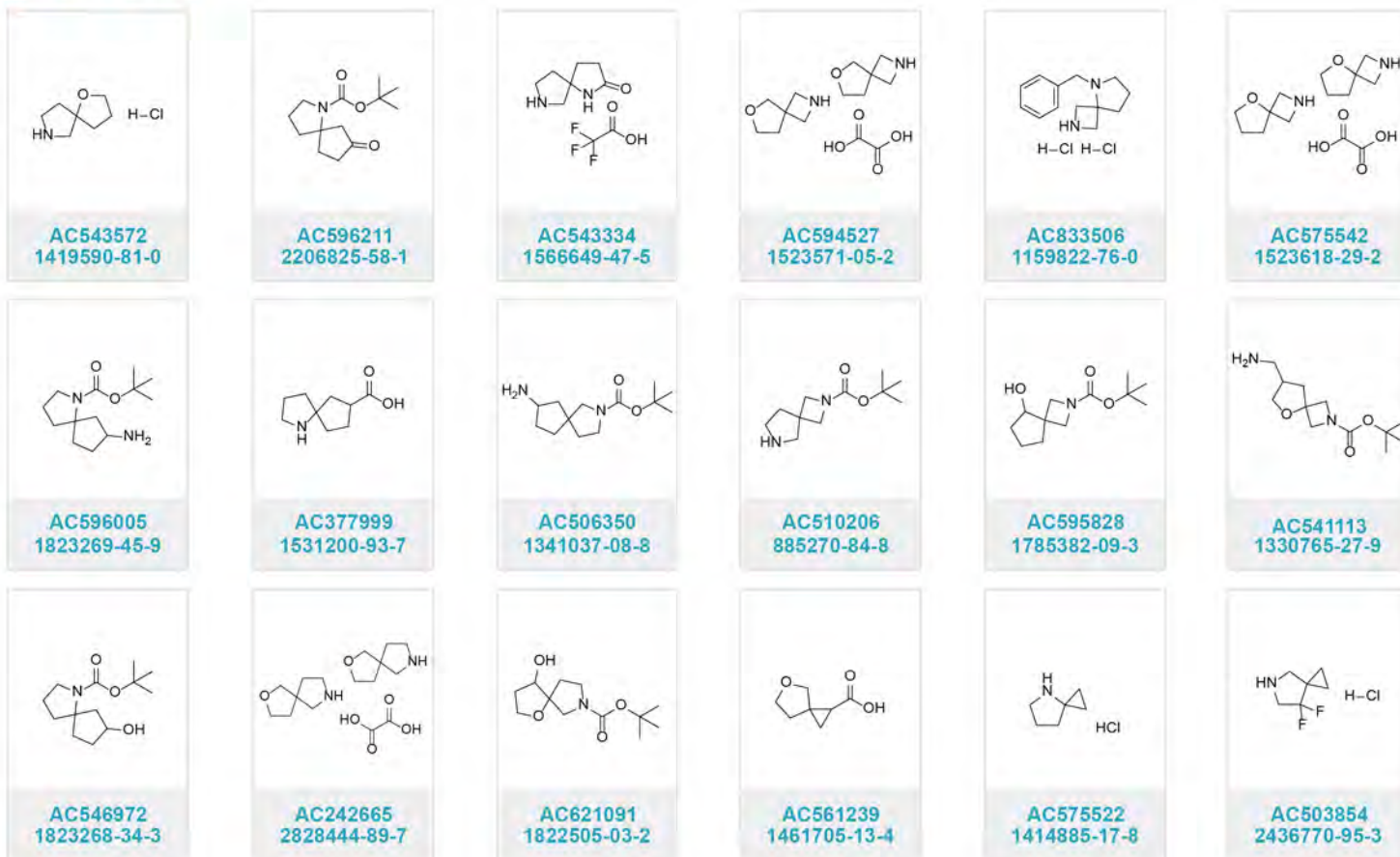
Spiro[5.4]



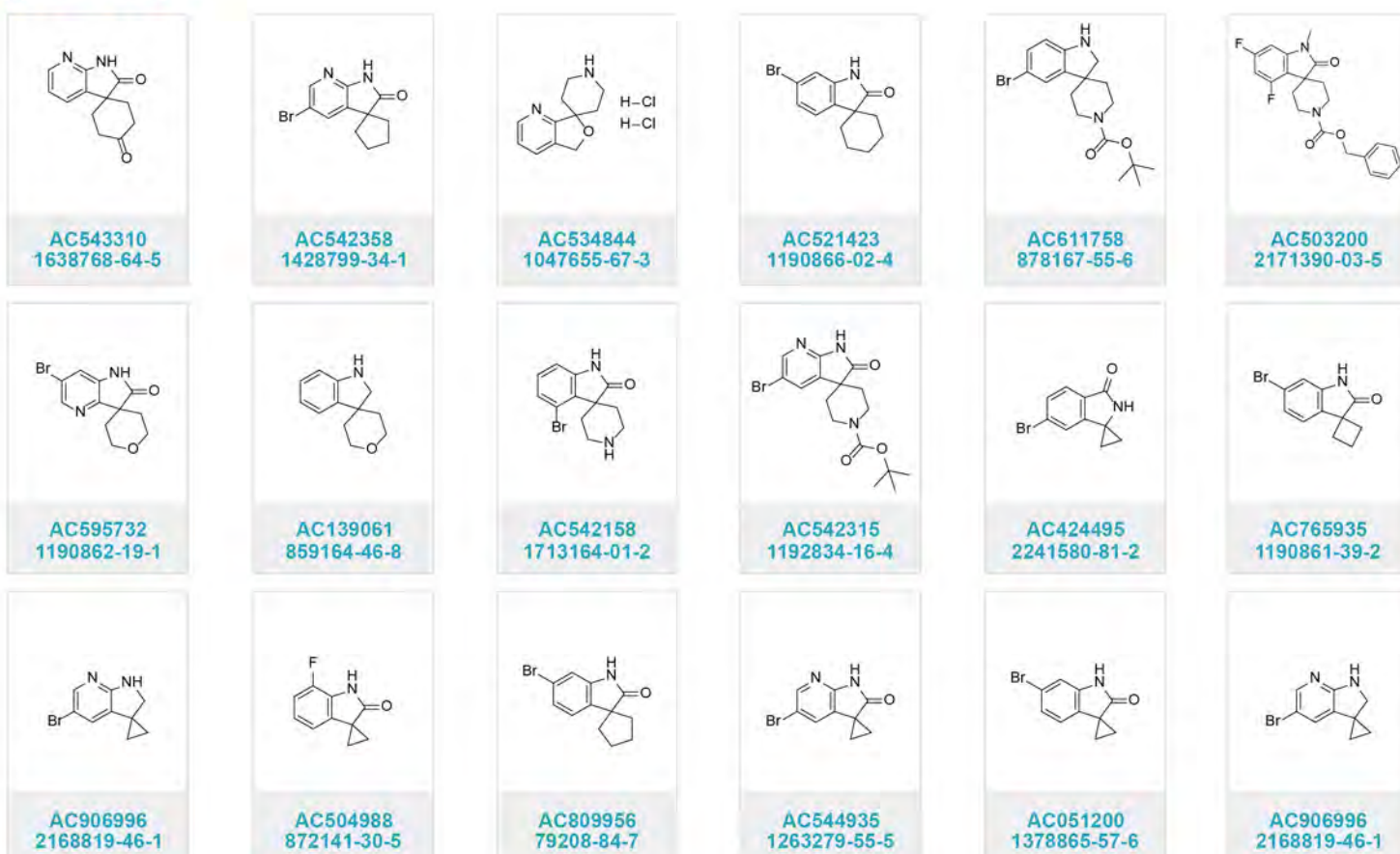
Spiro[5.5]



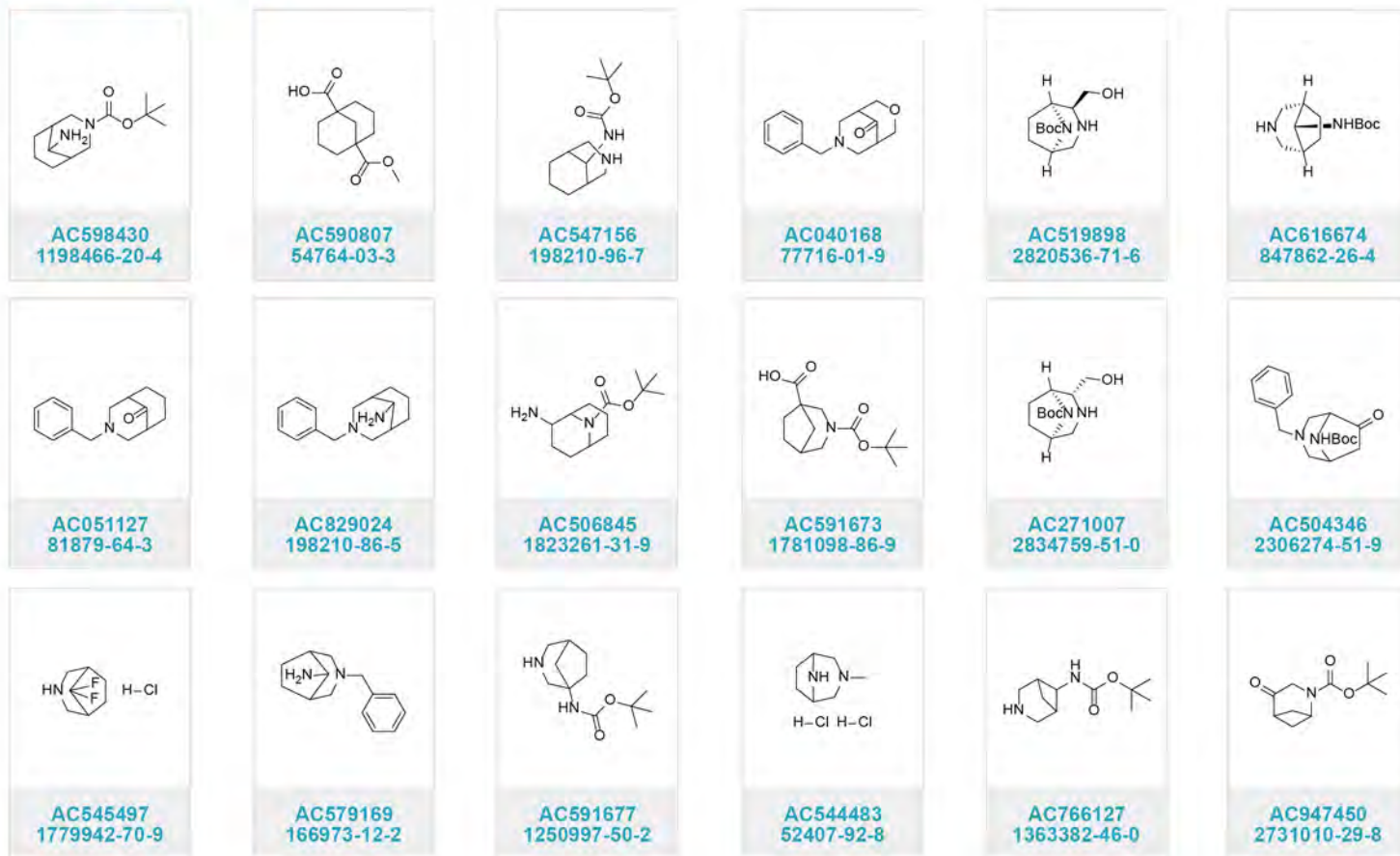
Spiro[x.4]



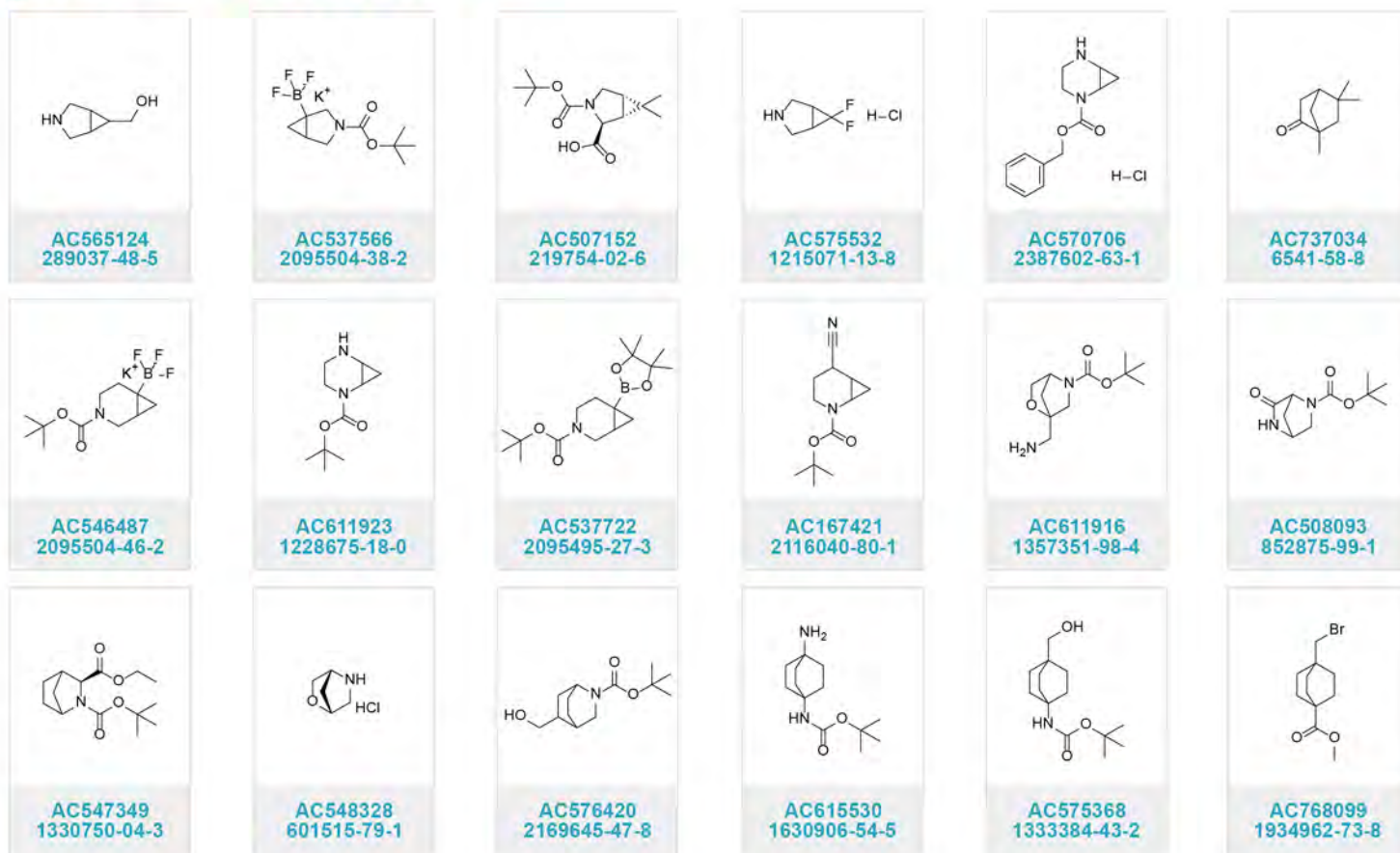
spiro[b]Ar



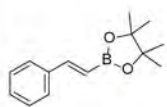
Bridged[3.x.1]



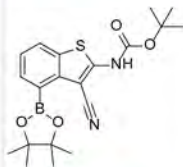
Other Bridged compounds



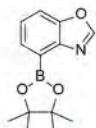
Boronic acid & ester & Fluoroborate



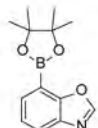
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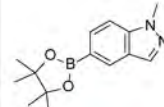
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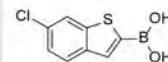
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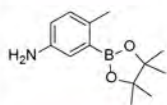
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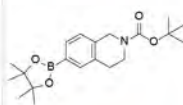
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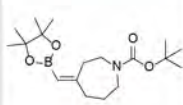
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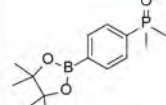
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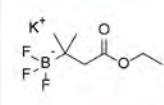
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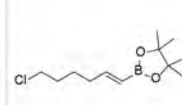
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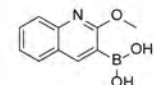
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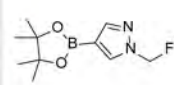
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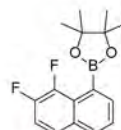
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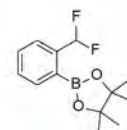
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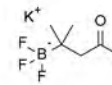
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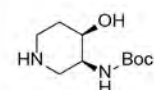


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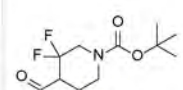


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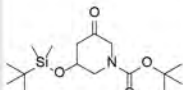
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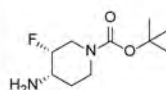
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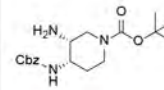
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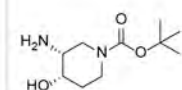
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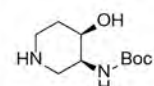
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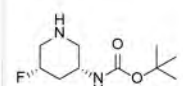
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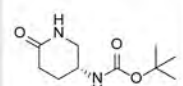
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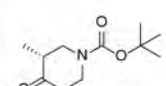
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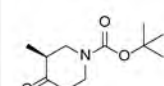
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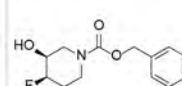
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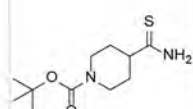
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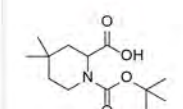
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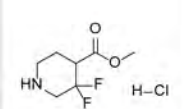
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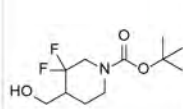
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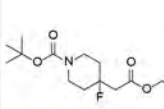
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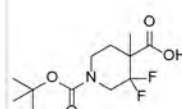
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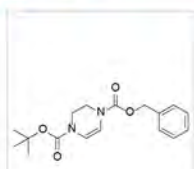


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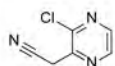


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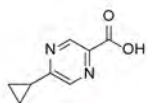
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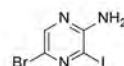
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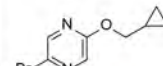
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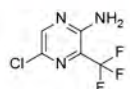
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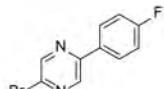
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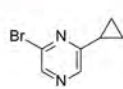
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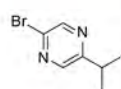
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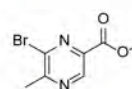
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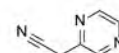
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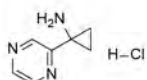
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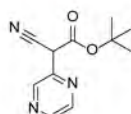
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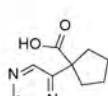
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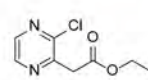
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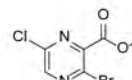
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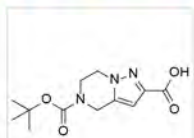


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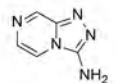


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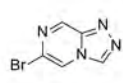
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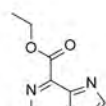
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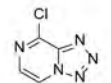
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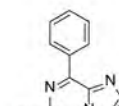
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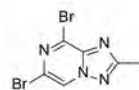
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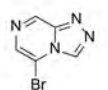
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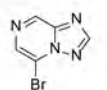
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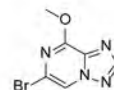
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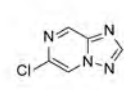
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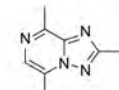
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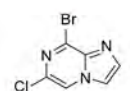
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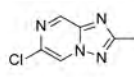
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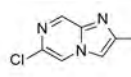
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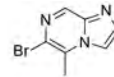
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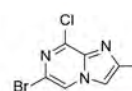
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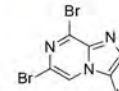
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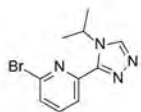


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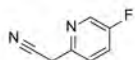


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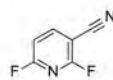
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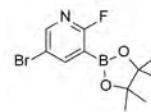
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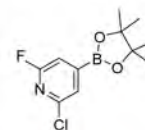
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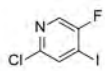
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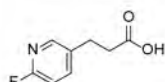
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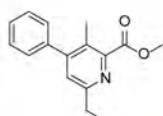
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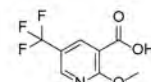
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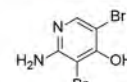
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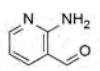
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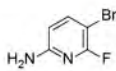
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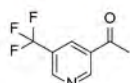
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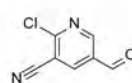
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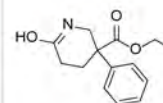
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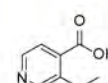
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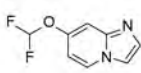


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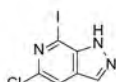


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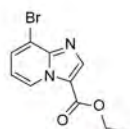
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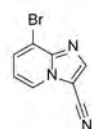
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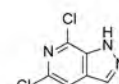
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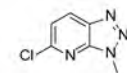
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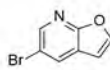
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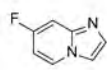
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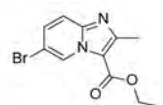
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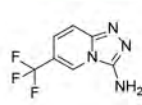
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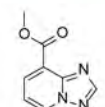
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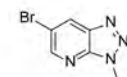
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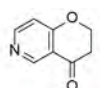
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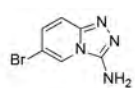
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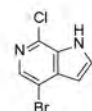
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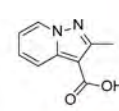
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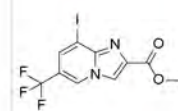
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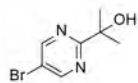


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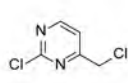


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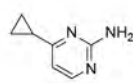
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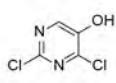
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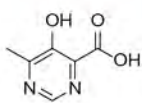
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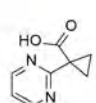
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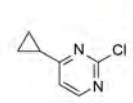
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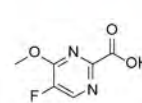
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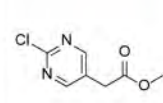
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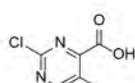
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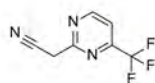
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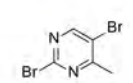
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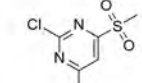
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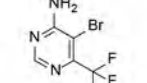
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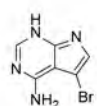


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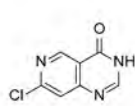


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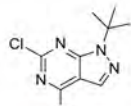
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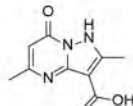
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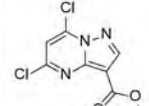
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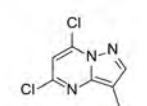
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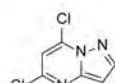
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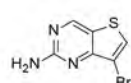
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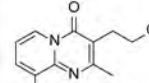
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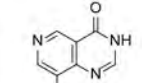
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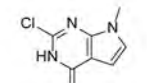
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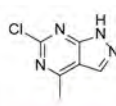
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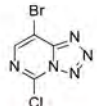
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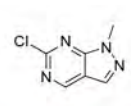
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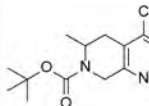
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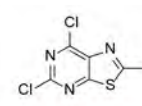
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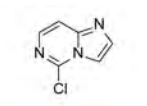
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