

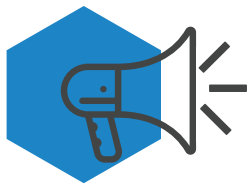


# INVENTYS

**EXCLUSIVE SYNTHESIS MANUFACTURING  
& CDMO SERVICES PROVIDER**

RoS → gms → kgs → 1 MTs → 1000 MTs

**MAKING SUPPLY CHAINS SAFE & SUSTAINABLE  
FOR 20+ GLOBAL INNOVATOR CUSTOMERS**



# About Company

Inventys Research Company offers Exclusive Synthesis Manufacturing & CDMO services for Crop Protection, Specialty Chemicals, Electronic chemicals & Pharmaceuticals, certified by WHO GMP, ISO 9001/14001/45000. ~75% of revenue is earned from advanced markets (USA, Western Europe, & Japan) With well-funded expansion plans (Reaction Capacity growing from 1 million liters in 2024 to 3 million liters by ~2030), places Inventys among India's top 5 largest specialty chemicals manufacturers. Known for sustainable & safe practices, >51% of energy consumption is NET ZERO CARBON since 2012 & ~30% revenue is generated using significantly Green Processes.



**Reliable Stable Partner in Multiple Global Supply Chains & Highly automated manufacturing plants**



**Backward Integrated up to widely available Intermediates.**



**Research Driven Exclusive Synthesis & CDMO Company With Stable Middle Management & less than 5% attrition**



**Capable in handling complex chemistries & Hazardous materials.**

**>51% energy used is derived from Renewable Resources (since 2012)**



*Inventys Manufacturing Implementations  
**create safe & sustainable** Supply Chains.*



# Sustainability

Sustainability to us implies minimising impact on the environment while servicing our customers in a competent competitive manner. Sustainability to us also includes unwavering focus on safety, maintaining consistent quality, investing in developing new technologies, while striving to become one of the most reliable and trustworthy providers of manufacturing and development services



## INVENTYS ADVANTAGE

- Mastery over complex multi-step synthesis**
- Large number of chemistries implemented at commercial scale**
- Superior process development & scale-up capabilities**
- World class engineering skills**
- Modern well designed DCS controlled multi-purpose plants**
- Reliable and responsible behaviour towards the mother earth, the society we live in, and the people who are associated with us.**

## LARGE DEBT-FREE CAPACITY

(140 reactors in 2024 ►► Growing to 330+ Reactors by 2030)



# Manufacturing & Development Services



**Advance Intermediates for Lifesciences and Specialty Applications**

Crop Protection  
Healthcare Electronics  
Others

**Actives (Technicals)**

Crop Protection  
Chemicals

**Registered Starting Materials**

Healthcare /  
Pharmaceutical  
Application

**Specialty Chemicals**

Electronics Food  
Additives Construction  
Additives etc

**Lab Development**  
(gms – 100 gms)



**Scale Up studies & Pilotation**  
(1-100 kg)



**ROS**



**Commercial Manufacturing**  
(1-1000 MTs/yr)



**Demonstrated Expertise**

in Complete Product  
Development life cycle

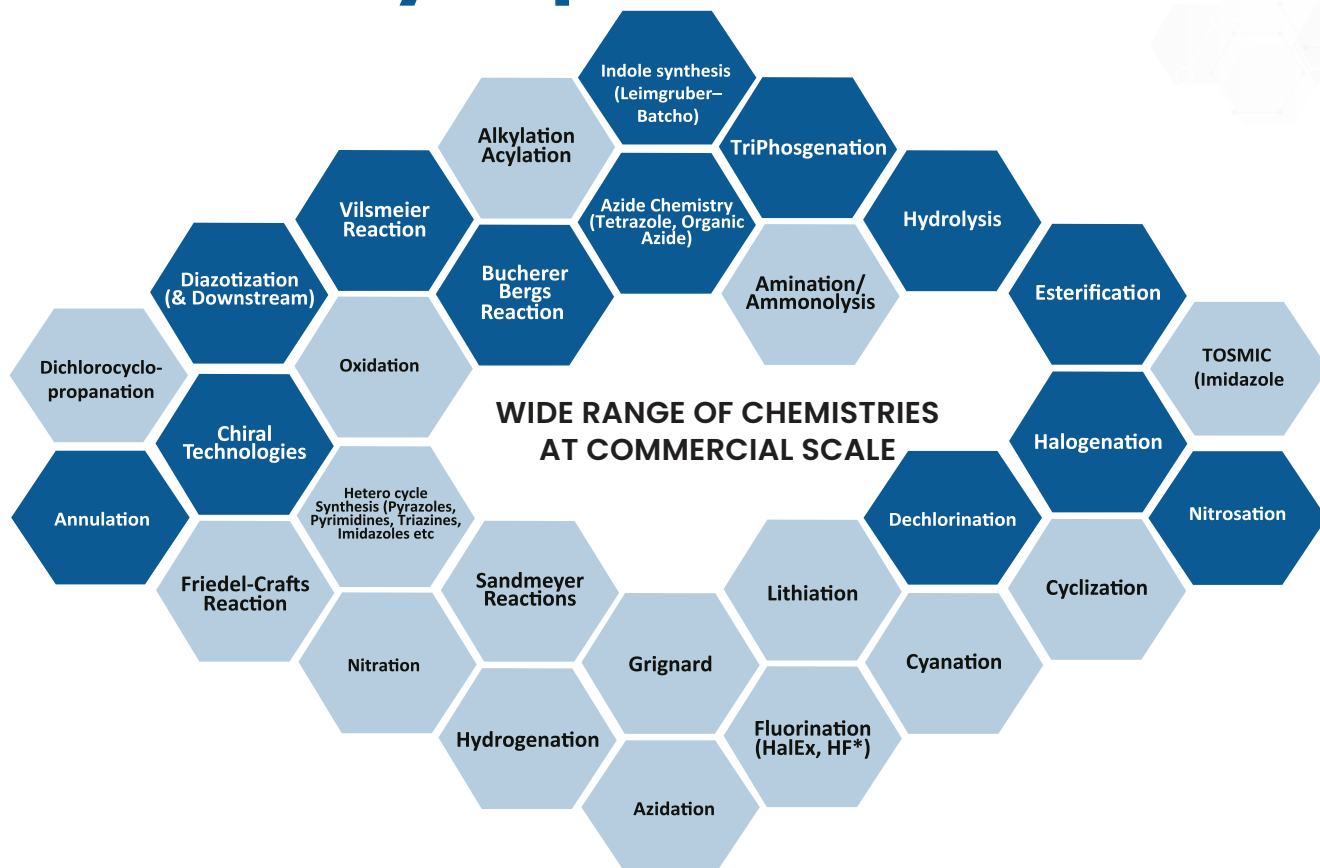
More than **75 Products** developed / scaled up (360+steps) in Last **5 years**.

# Products List

Products	CAS NO.
N-(2-Amino-4,6-dichloro pyrimidine-5-yl) formamide [FADCP]	171887-03-9
Methylglyoxal Dimethyl Acetal [MGDA]	6342-56-9
3-Ethyl-4-methyl-3-pyrrolin-2-one [EMPO]	766-36-9
4-Methyl Pyrazole	7554-65-6
3-Fluoro-4-Methylbenzonitrile [FBN]	170572-49-3
3-Fluoro-4-(Hydroxymethyl) Benzonitrile [FHMBN]	219873-06-0
5-Bromo-2-cyanopyridine	97483-77-7
5-Bromo-2-pyridinecarbonitrile	
8-Nitro-2-tetrazol-5-yl-4-oxo-4H-1-benzopyran 8-Nitro-2-(2H-tetrazol-5-yl)-4H-chromen-4-one 4H-1-Benzopyran-4-one, 8-nitro-2-(1H-tetrazol-5-yl)- 8-Nitro-2-(1H-tetrazol-5-yl)-4H-1-benzopyran-4-one	141283-42-3
2-Methoxy-5-nitropyridine	5446-92-4
(3r)-3-Amino-1-butanol	61477-40-5
2-Amino-2-Methylpropionitrile	19355-69-2
Methyl 1,3,4-trimethyl-1H-pyrazole-5-carboxylate	773136-70-2
3-Cyanobenzaldehyde	24964-64-5
3-Formylbenzonitrile	
5-Fluoroindole	399-52-0
5-Methyl-1,3,4-oxadiazol-2(3H)-one	3069-67-8
$\alpha$ -[2-(Methylamino)ethyl]benzyl Alcohol alpha-[2-(Methylamino)ethyl]benzyl Alcohol 3-(Methylamino)-1-phenylpropan-1-ol a- 2-(Methylamino)ethyl benzyl alcohol 3-Hydroxy-N-methyl-3-phenyl-propylamine	42142-52-9
3,3-Dichloro-1-(4-Nitrophenyl)piperidin-2-one 2-Piperidinone, 3,3-dichloro-1-(4-nitrophenyl)	881386-01-2
5-ChloroThiophene-2-Carboxylic acid [5CTA]	24065-33-6
Guanine	73-40-5
4-Fluorophenol	371-41-5
Acetonitrile	75-05-8
Anthranilamide	88-68-6
2-AminoBenzonitrile [2ABN]	1885-29-6
2-Amino-5-chlorobenzoic acid [ACBA]	635-21-2
2-Chloro DiPhenyl Ether [CDPE]	2689-07-8
5-Methyl 5-Phenyl Hydantoin [MPH]	6843-49-8
Chloroacetonitrile	107-14-2
Malononitrile	109-77-3
2-Amino-4,6-Dimethoxypyrimidine [ADMP]	36315-01-2
Decanenitrile [DCN]	1975-78-6
4-Iodotoluene	624-31-7
Cyclopropane Carboxylic Acid	1759-53-1
Benzethonium Chloride [BTC]	121-54-0
5-tert-Butyl-m-Xylene	98-19-1
4,4'-Dihydroxydiphenyl Ether [DHDE]	1965-09-9
Sucralfate	54182-58-0

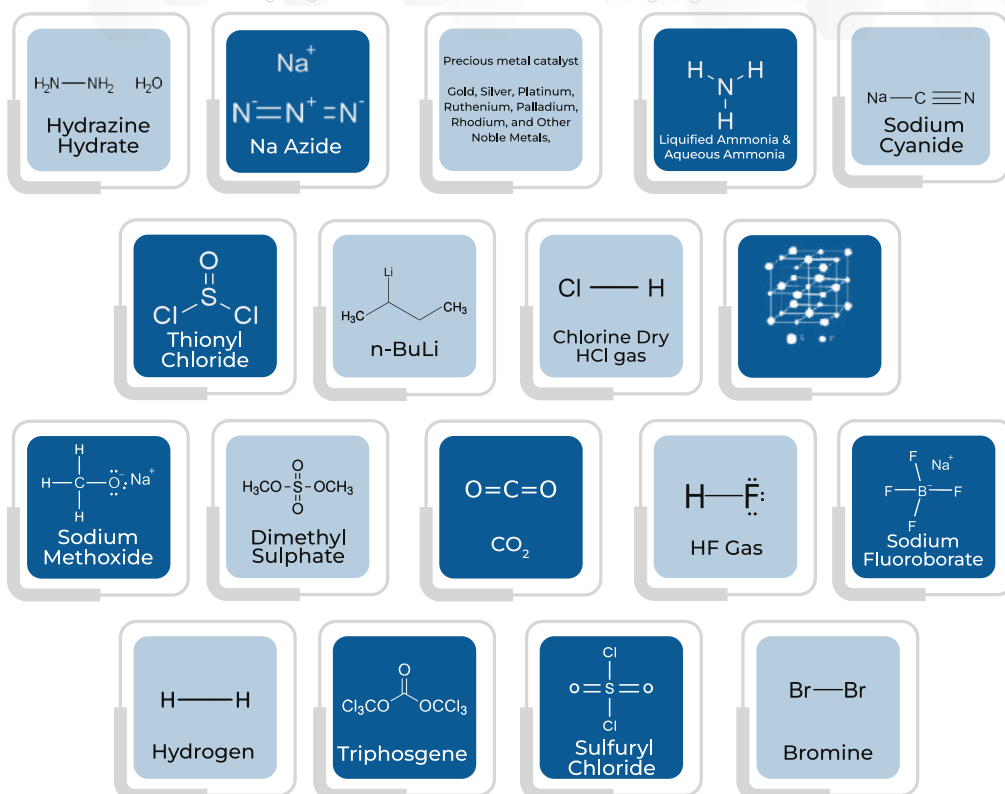
**We do not share names of Products Manufactured  
under Exclusive Synthesis Arrangements.**

# Wide Chemistry Experience

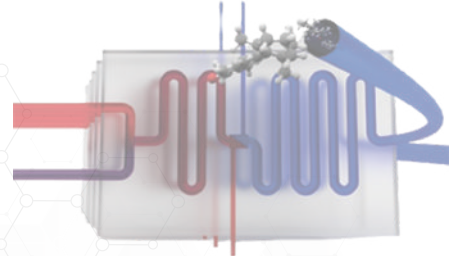


Plus Chloromethylation, Carbonylation, Aromatic Chemistry, BF<sub>3</sub> Chemistry, Catalytic Dehydration etc.

## Handling of Hazardous Chemical



# Inventys Flow Chemistry



Inventys is a leader in using flow chemistry at commercial scale with 15+ successful chemical transformations implemented.

## Inherently Safer Consistent Quality

### Case Studies

Increases selectivity (up to 99%), improves yield (up to 10%).

Reduces energy costs (up to 90%) & by product/effluent (up to 75%).

Reduces solvent usage (up to 90%).

Increases throughput (up to 1,500%).



### Why Inventys

Sustainable



- Ethical
- Green Chemistry
- Environment
- Responsible Behaviour

Efficient



- Piloting/Scale-up
- Project Management

Safe



- Culture
- Systems
- Hardware
- Training

Innovative



- Flow Chemistry
- Process Synthesis
- Process Engineering

Consistent



- IPR Protection
- Business Processes
- Trustworthy

On Time Performance

- Quality
- On Time Performance



**Inventys Site 2**  
Specialty & Actives Manufacturing  
Ready 2024-25



**Inventys Site 3**  
Herbicides Manufacturing  
Ready 2024-25



**Inventys Site 4**  
Healthcare CDMO  
Future

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HEAD  
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