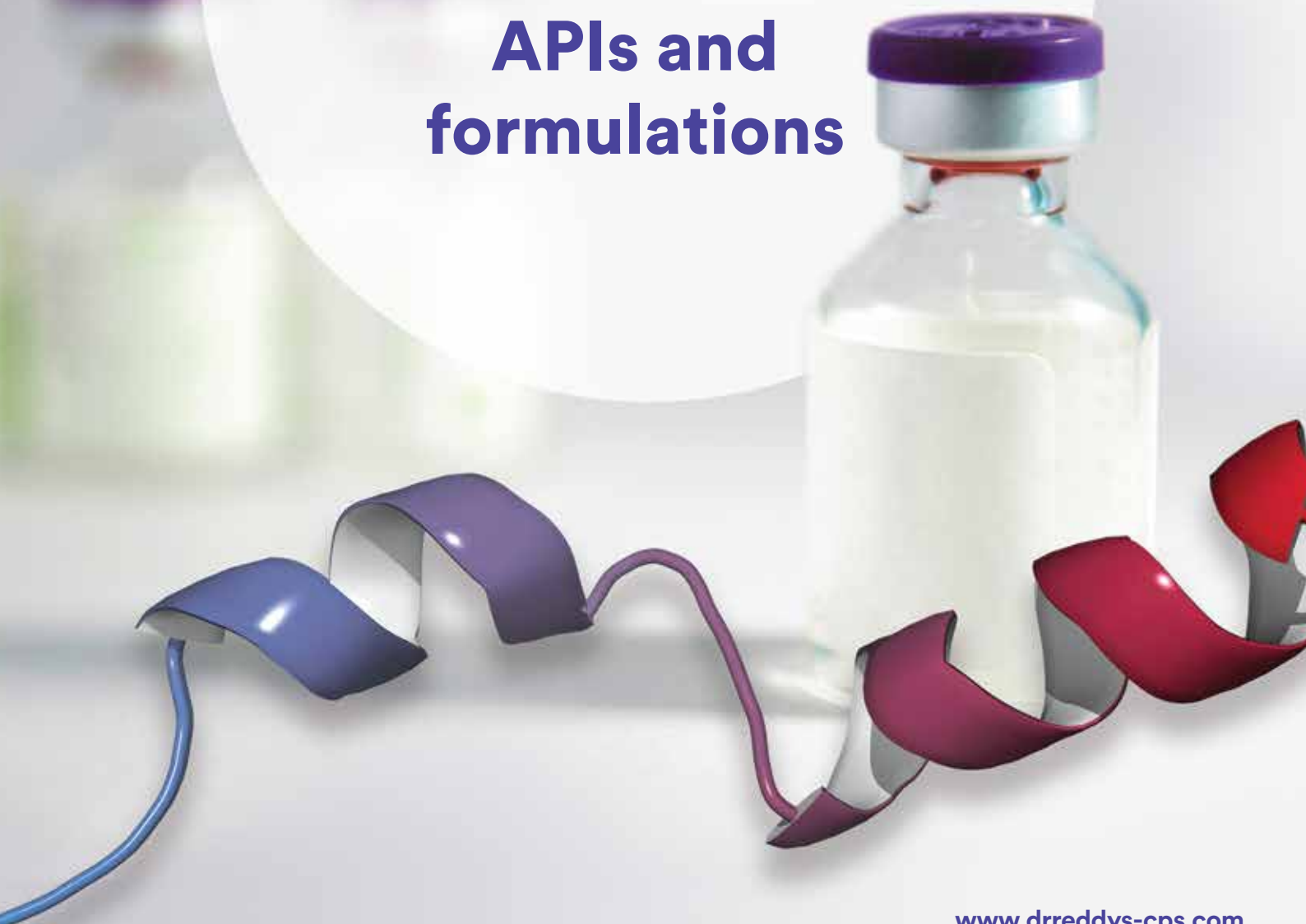


**Accelerating the
time-to-market
of your peptide
APIs and
formulations**



**Lab Scale
of Operation:
Up to 50 grams
per batch**

How we support your next peptide project:

**Commercial
Scale
of Operation:
Up to 2 kg
per batch**

CLASS OF PEPTIDES

- Linear and branched chain peptides up to 40 AA
- Derivatives of peptides viz., Steroids/ Small molecules/ lipids/ Carbohydrate/ PEG
- Depsipeptides, peptides with multiple disulfides bridges, stapled peptides
- Access to unnatural amino acids building blocks via asymmetric hydrogenation

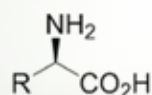
TECHNICAL CAPABILITIES

- Peptides synthesis by solid (SPPS), solution (LPPS) and hybrid phase
- Process optimization and robust process development for commercial manufacturing
- Expertise in down stream purification and isolation
- Impurity profiling and characterization based on spectral methods
- Advanced analytical instrumentation supporting purification and isolation for both development and manufacturing

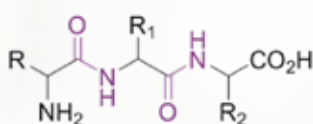
MANUFACTURING

- Peptides are manufactured in Vizag/India (CTO-6 and CTO-SEZ)
- Automated peptide synthesizers (80-160 L)
- Hastelloy ANFD's of 0.2 and 1m² capacity for closed loop filtration operations
- Preparative RP-HPLC (150 to 600 mm diameter column, flow rate ranging from 3.3 to 20 LPH) with PAT blending technology
- Fully automated ion exchange resin systems
- Freeze dryers – 100 L capacity (tray): 2 numbers
- Class 100,000 clean room area with 100 L lyophilizers

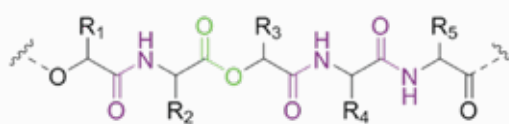
Amino Acids



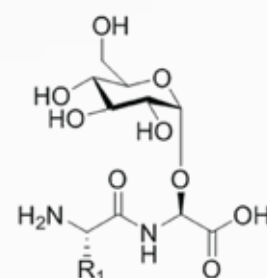
Tripeptides



Depsipeptides



Glycopeptides



Let's talk on how we can accelerate your next peptide project. Contact us at contactcps@drreddys.com

Dr. Reddy's is committed to provide affordable and innovative medicines for healthier lives. As a full CDMO, our Custom Pharma Services unit provides third-parties with integrated pharmaceutical development and manufacturing services of APIs and finished dosages including peptides, highly potent and oncology products. Our capabilities for peptides include cost effective cGMP development and synthesis, purification, and characterization of peptides from milligram to kilogram.