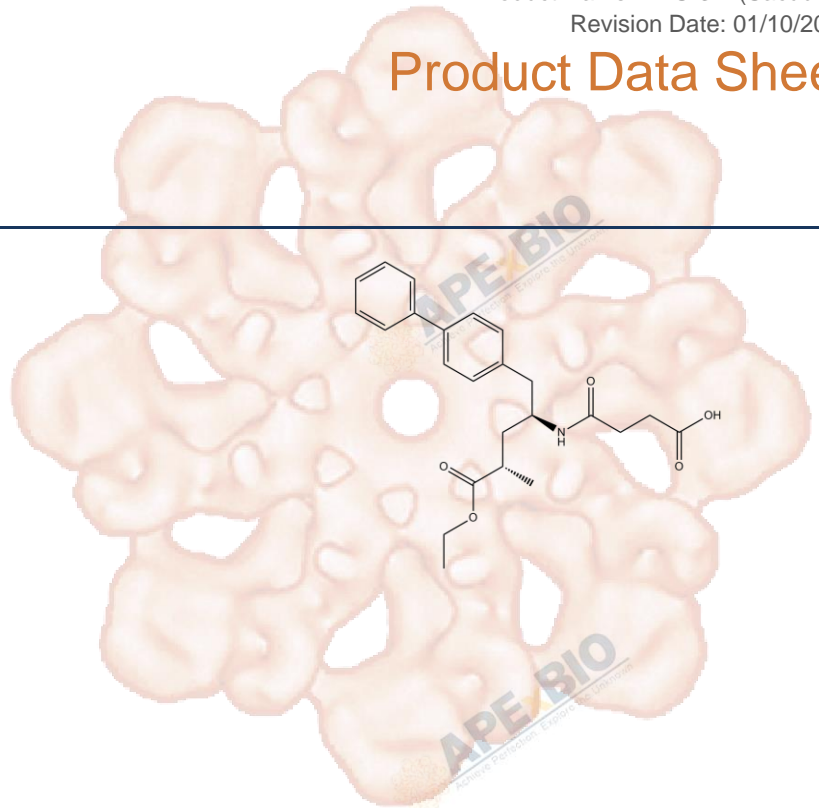


Product Data Sheet

AHU-377(Sacubitril)

| | |
|------------------|---|
| Cat. No.: | B1070 |
| CAS No.: | 149709-62-6 |
| Formula: | C ₂₄ H ₂₉ NO ₅ |
| M.Wt: | 411.49 |
| Synonyms: | Sacubitril |
| Target: | GPCR/G protein |
| Pathway: | Angiotensin Receptor |
| Storage: | Store at -20°C |



Solvent & Solubility

≥41.1 mg/mL in DMSO; ≥21.45 mg/mL in H₂O with ultrasonic; ≥26.85 mg/mL in EtOH with ultrasonic

In Vitro

| Preparing Stock Solutions | Mass | | | |
|---------------------------|-----------------------|-----------|------------|------------|
| | Solvent Concentration | 1mg | 5mg | 10mg |
| | 1 mM | 2.4302 mL | 12.1510 mL | 24.3019 mL |
| | 5 mM | 0.4860 mL | 2.4302 mL | 4.8604 mL |
| | 10 mM | 0.2430 mL | 1.2151 mL | 2.4302 mL |

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Neprilysin inhibitor

IC₅₀ & Target

5 nM (neprilysin)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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