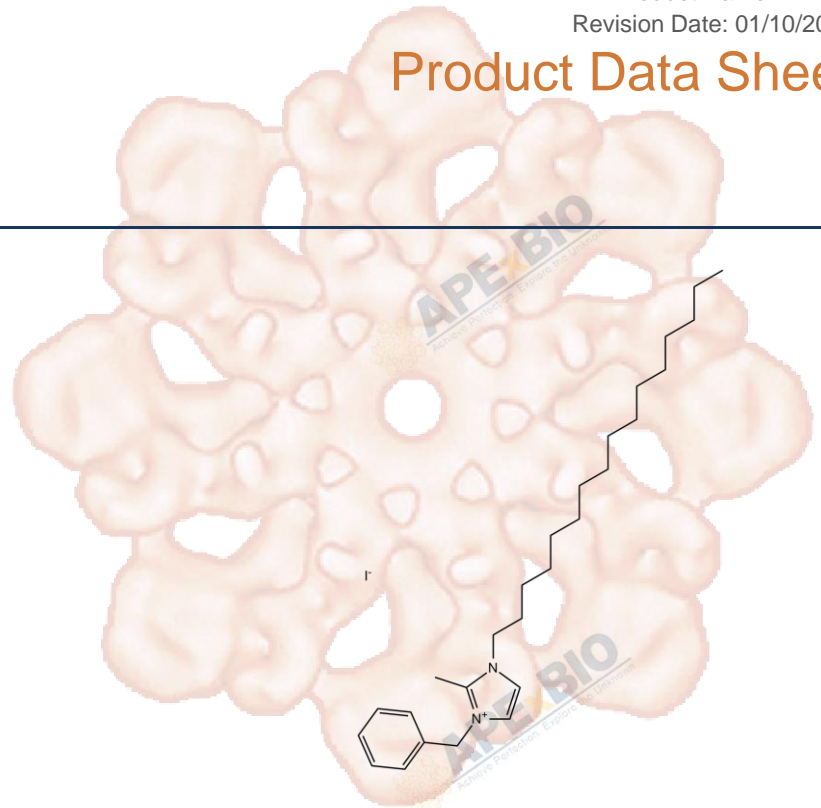


Product Data Sheet

NH125

| | |
|------------------|----------------|
| Cat. No.: | A8814 |
| CAS No.: | 278603-08-0 |
| Formula: | C27H45IN2 |
| M.Wt: | 524.56 |
| Synonyms: | |
| Target: | Others |
| Pathway: | Others |
| Storage: | Store at -20°C |



Solvent & Solubility

≥25.9 mg/mL in DMSO; insoluble in H₂O; ≥86.6 mg/mL in EtOH

In Vitro

| Preparing Stock Solutions | Solvent Concentration | Mass | | |
|------------------------------|--------------------------|-----------|-----------|------------|
| | | 1mg | 5mg | 10mg |
| | 1 mM | 1.9064 mL | 9.5318 mL | 19.0636 mL |
| | 5 mM | 0.3813 mL | 1.9064 mL | 3.8127 mL |
| | 10 mM | 0.1906 mL | 0.9532 mL | 1.9064 mL |

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

Biological Activity

Shortsummary Selective eEF-2 kinase inhibitor

IC₅₀ & Target 60 nM (eEF-2 Kinase)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Zhu H, Song H, et al. "eEF2K promotes progression and radioresistance of esophageal squamous cell carcinoma." *Radiother Oncol.* 2017 Sep;124(3):439-447.PMID:28431753

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 APExBIO 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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