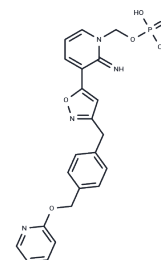


APX001

Chemical Properties

CAS No. : 1169701-00-1
 Formula: C₂₂H₂₁N₄O₆P
 Molecular Weight: 468.4
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | APX001 is a prodrug of APX-001A. APX001 is the first-in-class inhibitor of the fungal protein Gwt1. |
| Targets(IC50) | Others,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1349 mL | 10.6746 mL | 21.3493 mL |
| 5 mM | 0.427 mL | 2.1349 mL | 4.2699 mL |
| 10 mM | 0.2135 mL | 1.0675 mL | 2.1349 mL |
| 50 mM | 0.0427 mL | 0.2135 mL | 0.427 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Zhao M, Lepak AJ, VanScoy B, Bader JC, Marchillo K, Vanhecker J, Ambrose PG, Andes DR. In Vivo Pharmacokinetics and Pharmacodynamics of APX001 against *Candida* spp. in a Neutropenic Disseminated Candidiasis Mouse Model. *Antimicrob Agents Chemother*. 2018 Jan 29. pii: AAC.02542-17. doi: 10.1128/AAC.02542-17. [Epub ahead of print] PubMed PMID: 29378706.
- Hager CL, Larkin EL, Long L, Zohra Abidi F, Shaw KJ, Ghannoum MA. In Vitro and In Vivo Evaluation of the Antifungal Activity of APX001A/APX001 against *Candida auris*. *Antimicrob Agents Chemother*. 2018 Feb 23;62(3). pii: e02319-17. doi: 10.1128/AAC.02319-17. Print 2018 Mar. PubMed PMID: 29311065.
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- Osherov N, Kontoyiannis DP. The anti-*Aspergillus* drug pipeline: Is the glass half full or empty? *Med Mycol*. 2017 Jan 1;55(1):118-124. Epub 2016 Aug 25. Review. PubMed PMID: 27562862.

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