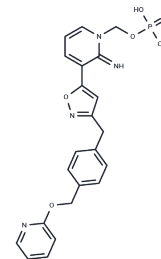


APX001

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.
- Gonzalez-Lara MF, Sifuentes-Osornio J, Ostrosky-Zeichner L. *Drugs in Clinical Development for Fungal Infections*. *Drugs*. 2017 Sep;77(14):1505-1518. doi: 10.1007/s40265-017-0805-2. PubMed PMID: 28840541.
- 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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