

PK-THPP

Chemical Properties

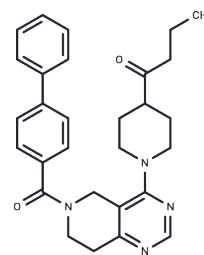
CAS No. : 1332454-07-5

Formula: C₂₉H₃₂N₄O₂

Molecular Weight: 468.59

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	PK-THPP is a channel blocker of TASK-3.
Targets(IC50)	Others,Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1341 mL	10.6703 mL	21.3406 mL
5 mM	0.4268 mL	2.1341 mL	4.2681 mL
10 mM	0.2134 mL	1.067 mL	2.1341 mL
50 mM	0.0427 mL	0.2134 mL	0.4268 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

Srisomboon Y, Zaidman NA, Maniak PJ, Deachapunya C, O'Grady SM. P2Y receptor regulation of K2P channels that facilitate K(+) secretion by human mammary epithelial cells. *Am J Physiol Cell Physiol*. 2018 Jan 24. doi: 10.1152/ajpcell.00342.2016. [Epub ahead of print] PubMed PMID: 29365273.

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Zeng C, Long X, Cotten JF, Forman SA, Solt K, Faingold CL, Feng HJ. Fluoxetine prevents respiratory arrest without enhancing ventilation in DBA/1 mice. *Epilepsy Behav*. 2015 Apr;45:1-7. doi: 10.1016/j.yebeh.2015.02.013. Epub 2015 Mar 13. PubMed PMID: 25771493; PubMed Central PMCID: PMC4424071.

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