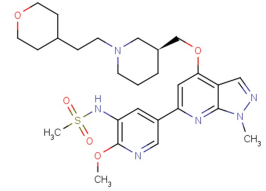


Data Sheet (Cat.No.T12461)

PI3Kdelta inhibitor 1

Chemical Properties

CAS No.: 2242109-74-4
 Formula: C₂₇H₃₈N₆O₅S
 Molecular Weight: 558.69
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PI3Kdelta inhibitor 1 is a potent, selective and orally available inhibitor of PI3K δ with an IC ₅₀ of 1.3 nM.
Targets(IC ₅₀)	PI3K δ : 1.3 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.79 mL	8.95 mL	17.899 mL
5 mM	0.358 mL	1.79 mL	3.58 mL
10 mM	0.179 mL	0.895 mL	1.79 mL
50 mM	0.036 mL	0.179 mL	0.358 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Hamajima T, et al. Optimization and in vivo evaluation of pyrazolopyridines as a potent and selective PI3K δ inhibitor. *Bioorg Med Chem.* 2018 Aug 7;26(14):3917-3924.

Inhibitors · Natural Compounds · Compound Libraries

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