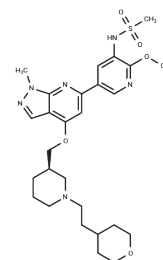


## PI3Kdelta inhibitor 1

## Chemical Properties

CAS No. :	2242109-74-4
Formula:	C <sub>27</sub> H <sub>38</sub> N <sub>6</sub> O <sub>5</sub> S
Molecular Weight:	558.69
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	PI3Kdelta inhibitor 1 is a potent, selective and orally available inhibitor of PI3Kδ with an IC <sub>50</sub> of 1.3 nM.
Targets(IC <sub>50</sub> )	PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7899 mL	8.9495 mL	17.899 mL
5 mM	0.358 mL	1.7899 mL	3.5798 mL
10 mM	0.179 mL	0.895 mL	1.7899 mL
50 mM	0.0358 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. 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

Hamajima T, et al. Optimization and in vivo evaluation of pyrazolopyridines as a potent and selective PI3Kδ inhibitor. *Bioorg Med Chem.* 2018 Aug 7;26(14):3917-3924.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481