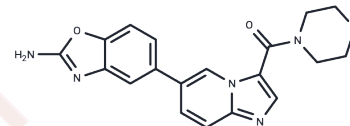


Serabelisib

Chemical Properties

CAS No. :	1268454-23-4
Formula:	C ₁₉ H ₁₇ N ₅ O ₃
Molecular Weight:	363.37
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	Serabelisib (INK1117) is a p110 α / β / γ / δ inhibitor (IC ₅₀ : 15/4.5/1.9/13.39 μ M).
Targets(IC ₅₀)	mTOR,PI3K

Solubility Information

Solubility	DMSO: 5 mg/mL (13.76 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.752 mL	13.7601 mL	27.5202 mL
5 mM	0.5504 mL	2.752 mL	5.504 mL
10 mM	0.2752 mL	1.376 mL	2.752 mL
50 mM	0.055 mL	0.2752 mL	0.5504 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

- Yap TA, et al. Curr Opin Pharmacol. 2015 Aug;23:98-107.
 Yea SS, et al. PLoS One. 2014 Jun 10;9(6):e199486.
 So L, et al. J Biol Chem. 2013 Feb 22;288(8):5718-31.

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