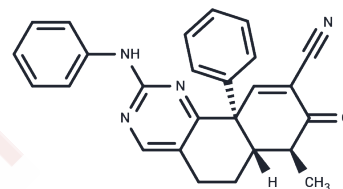


IDH1 Inhibitor 2

Chemical Properties

CAS No. :	2244895-42-7
Formula:	C ₂₆ H ₂₂ N ₄ O
Molecular Weight:	406.48
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	IDH1 Inhibitor 2 (compound 13) is a potent IDH1 inhibitor through direct covalent modification of His315, with an IC ₅₀ of 110 nM.
Targets(IC ₅₀)	Dehydrogenase, Isocitrate Dehydrogenase (IDH)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4601 mL	12.3007 mL	24.6015 mL
5 mM	0.492 mL	2.4601 mL	4.9203 mL
10 mM	0.246 mL	1.2301 mL	2.4601 mL
50 mM	0.0492 mL	0.246 mL	0.492 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

Jakob CG, et al. Novel Modes of Inhibition of Wild-Type Isocitrate Dehydrogenase 1 (IDH1): Direct Covalent Modification of His315. J Med Chem. 2018 Aug 9;61(15):6647-6657.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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