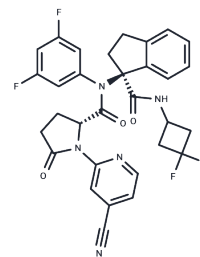


IDH1 Inhibitor 3

Chemical Properties

CAS No. :	2171081-24-4
Formula:	C ₃₁ H ₂₅ F ₄ N ₅ O ₃
Molecular Weight:	591.56
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 3 is a mutant isocitric dehydrogenase 1 (IDH1) inhibitor (IC ₅₀ : 45 nM for IDH1R132H).
Targets(IC ₅₀)	Others, Isocitrate Dehydrogenase (IDH)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6904 mL	8.4522 mL	16.9045 mL
5 mM	0.3381 mL	1.6904 mL	3.3809 mL
10 mM	0.169 mL	0.8452 mL	1.6904 mL
50 mM	0.0338 mL	0.169 mL	0.3381 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

Qiangang Zheng, et al. Discovery and structure-activity-relationship study of novel conformationally restricted indane analogues for mutant isocitric dehydrogenase 1 (IDH1) inhibitors. *Bioorganic & Medicinal Chemistry Letters* 27 (2017) 5262-5266.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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