

DS44470011

Chemical Properties

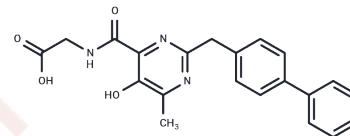
CAS No. : 1192586-35-8

Formula: C₂₁H₁₉N₃O₄

Molecular Weight: 377.39

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	DS44470011 is an inhibitor of hypoxia-inducible factor prolyl hydroxylase (HIF-PHD) with oral bioavailability. It enhances the release of erythropoietin (EPO) from cells and is utilized in research related to renal anemia.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6498 mL	13.2489 mL	26.4978 mL
5 mM	0.530 mL	2.6498 mL	5.2996 mL
10 mM	0.265 mL	1.3249 mL	2.6498 mL
50 mM	0.053 mL	0.265 mL	0.530 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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