

LAS191954

Chemical Properties

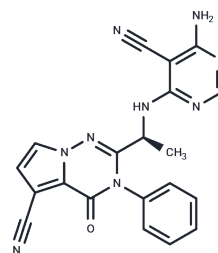
CAS No. : 1403947-26-1

Formula: C₂₀H₁₅N₉O

Molecular Weight: 397.39

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	LAS191954 is a selective, potent and orally active PI3K δ inhibitor for inflammatory diseases treatment(IC ₅₀ : 2.6 nM).
Targets(IC ₅₀)	PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5164 mL	12.5821 mL	25.1642 mL
5 mM	0.5033 mL	2.5164 mL	5.0328 mL
10 mM	0.2516 mL	1.2582 mL	2.5164 mL
50 mM	0.0503 mL	0.2516 mL	0.5033 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

Erra M, et al. Discovery of a Potent, Selective, and Orally Available PI3K δ Inhibitor for the Treatment of Inflammatory Diseases. ACS Med Chem Lett. 2016 Nov 30;8(1):118-123.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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