

DB1113

Chemical Properties

CAS No. : 2769753-53-7

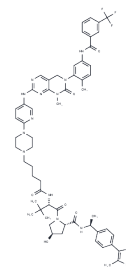
Formula: C₅₉H₆₈F₃N₁₃O₆S

Molecular Weight: 1144.31

Keep away from direct sunlight

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	DB1113 (Example 24) is a bifunctional compound designed for the targeted degradation of various kinases, including ABL1, ABL2, BLK, CDK11B, CDK4, CSK, EPHA3, FER, GAK, LIMK1, MAP3K20, MAP4K1, MAP4K2, MAP4K3, MAP4K5, MAPK14, MAPK7, MAPK8, MAPK9, MAPKAPK2, MAPKAPK3, NLK, PDIK1L, PTK2B, RIPK1, RPS6KA1, RPS6KA3, SIK2, SIK3, STK35, TNK2, and ULK1. This capability positions DB1113 as a valuable tool for research into diseases or disorders associated with aberrant kinase activity [1].
Targets(IC50)	Ferroptosis,MAPK,Bcr-Abl,CDK,Autophagy,LIM Kinase,PROTACs,Serine/threonin kinase, SIK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8739 mL	4.3694 mL	8.7389 mL
5 mM	0.1748 mL	0.8739 mL	1.7478 mL
10 mM	0.0874 mL	0.4369 mL	0.8739 mL
50 mM	0.0175 mL	0.0874 mL	0.1748 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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