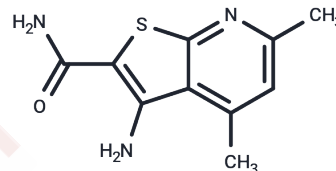


LIMK1 inhibitor 2

Chemical Properties

CAS No. : 67795-42-0
 Formula: C₁₀H₁₁N₃O₂
 Molecular Weight: 221.28
 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	LIMK1 inhibitor 2 is a LIMK1 inhibitor with an IC ₅₀ value of 9 μM.
Targets(IC ₅₀)	LIM Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5192 mL	22.5958 mL	45.1916 mL
5 mM	0.9038 mL	4.5192 mL	9.0383 mL
10 mM	0.4519 mL	2.2596 mL	4.5192 mL
50 mM	0.0904 mL	0.4519 mL	0.9038 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

Brad E. Sleebs, et al. Identification of 3-aminothieno[2,3-b]pyridine-2-carboxamides and 4-aminobenzothieno[3,2-d]pyrimidines as LIMK1 inhibitors. MedChemComm, 2011, 2(10), 977-.

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