

MU1920

Chemical Properties

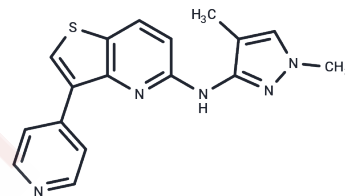
CAS No. :

Formula: C₁₇H₁₅N₅S

Molecular Weight: 321.4

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	MU1920 is an ATP-competitive, selective inhibitor of haspin with an IC ₅₀ of 6 nM. In mouse plasma and microsomes, it demonstrates favorable pharmacokinetic properties and metabolic stability. Although it lacks significant anticancer activity, MU1920 is suitable for developing chemical probes.
Targets(IC ₅₀)	Haspin Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1114 mL	15.5569 mL	31.1139 mL
5 mM	0.6223 mL	3.1114 mL	6.2228 mL
10 mM	0.3111 mL	1.5557 mL	3.1114 mL
50 mM	0.0622 mL	0.3111 mL	0.6223 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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