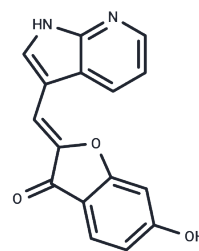


Haspin-IN-3

Chemical Properties

CAS No. :	2416569-95-2
Formula:	C ₁₆ H ₁₀ N ₂ O ₃
Molecular Weight:	278.26
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	Haspin-IN-3 is a potent haspin inhibitor with an IC ₅₀ of 14 nM. Haspin-IN-3 has anticancer activity.
Targets(IC ₅₀)	Haspin Kinase
In vitro	Haspin-IN-3 (compound 8l) is a potent haspin inhibitor with an IC ₅₀ of 14 nM. Haspin-IN-3 has anticancer effects.[1]

Solubility Information

Solubility	DMSO: 22.5 mg/mL (80.86 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5938 mL	17.9688 mL	35.9376 mL
5 mM	0.7188 mL	3.5938 mL	7.1875 mL
10 mM	0.3594 mL	1.7969 mL	3.5938 mL
50 mM	0.0719 mL	0.3594 mL	0.7188 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

Qhobosheane MA, et al. Synthesis and evaluation of 7-azaindole derivatives bearing benzocycloalkane motifs as protein kinase inhibitors. *Bioorg Med Chem.* 2020;28(11):115468.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481