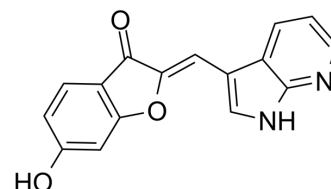


Haspin-IN-3

Cat. No.:	HY-146636		
CAS No.:	2416569-95-2		
Molecular Formula:	C ₁₆ H ₁₀ N ₂ O ₃		
Molecular Weight:	278.26		
Target:	Haspin Kinase		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (89.84 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	Haspin-IN-3 (compound 8l) is a potent haspin inhibitor with IC ₅₀ of 14 nM. Haspin-IN-3 has anticancer effects ^[1] .
IC ₅₀ & Target	IC ₅₀ : 14 nM (Haspin) ^[1]

REFERENCES

[1]. Malikotsi A Qhobosheane, et al. Synthesis and evaluation of 7-azaindole derivatives bearing benzocycloalkane motifs as protein kinase inhibitors. Bioorg Med Chem. 2020 Jun 1;28(11):115468.

Caution: Product has not been fully validated for medical applications. For research use only.

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