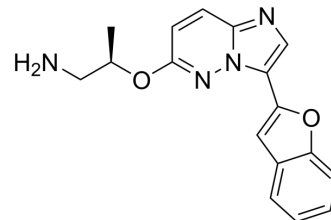


MNK1/2-IN-5

Cat. No.:	HY-139684		
CAS No.:	1426928-20-2		
Molecular Formula:	C ₁₇ H ₁₆ N ₄ O ₂		
Molecular Weight:	308.33		
Target:	MNK		
Pathway:	MAPK/ERK Pathway		
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 : 7.14 mg/mL (23.16 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.2433 mL	16.2164 mL	32.4328 mL
	5 mM	0.6487 mL	3.2433 mL	6.4866 mL
	10 mM	0.3243 mL	1.6216 mL	3.2433 mL

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

BIOLOGICAL ACTIVITY

Description

MNK1/2-IN-5 is a potent and selective MNK1/2 inhibitor as a therapeutic agent.

REFERENCES

[1]. Xu W, et al. Update on the Development of MNK Inhibitors as Therapeutic Agents. J Med Chem. 2021 Sep 17.

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

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