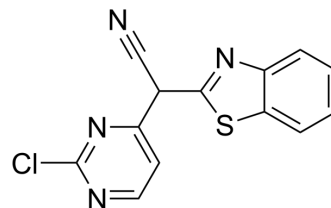


JNK-IN-13

Cat. No.:	HY-77009
CAS No.:	345986-38-1
Molecular Formula:	C ₁₃ H ₇ ClN ₄ S
Molecular Weight:	286.74
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 31 mg/mL (108.11 mM)
 * "≥" means soluble, but saturation unknown.

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.4875 mL	17.4374 mL	34.8748 mL
	5 mM	0.6975 mL	3.4875 mL	6.9750 mL
	10 mM	0.3487 mL	1.7437 mL	3.4875 mL

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

BIOLOGICAL ACTIVITY

Description

JNK-IN-13 (compound 1) is a potent and selective JNK inhibitor with IC₅₀s of 290 nM and 500 nM for JNK3 and JNK2, respectively^[1].

IC₅₀ & Target

JNK2 500 nM (IC ₅₀)	JNK3 290 nM (IC ₅₀)
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REFERENCES

[1]. Serge Halazy, et al. Benzazole derivatives and their use as JNK modulators. EP1110957A1.

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

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