



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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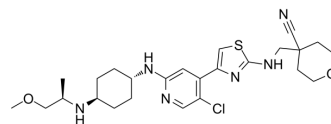
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JSH-009

Cat. No.:	HY-X0009
CAS No.:	2247481-08-7
Molecular Formula:	C ₂₅ H ₃₅ ClN ₆ O ₂ S
Molecular Weight:	519.1
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (192.64 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9264 mL	9.6321 mL	19.2641 mL
	5 mM		0.3853 mL	1.9264 mL	3.8528 mL
	10 mM		0.1926 mL	0.9632 mL	1.9264 mL

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

BIOLOGICAL ACTIVITY

Description

JSH-009 is a novel, highly selective CDK9 inhibitor critical for regulating transcription elongation. JSH-009 demonstrated significant in vitro and in vivo efficacy against acute myeloid leukemia (AML)^[1].

IC₅₀ & Target

CDK9

REFERENCES

[1]. Wang L, et al. Discovery of a novel and highly selective CDK9 kinase inhibitor (JSH-009) with potent antitumor efficacy in preclinical acute myeloid leukemia models. Invest New Drugs. 2020 Oct;38(5):1272-1281.

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

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