



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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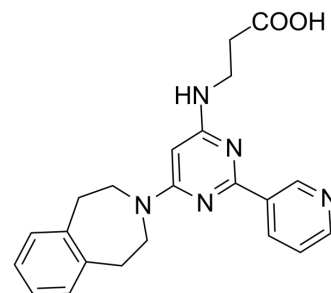
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GSK-J2

Cat. No.:	HY-15648A
CAS No.:	1394854-52-4
Molecular Formula:	C ₂₂ H ₂₃ N ₅ O ₂
Molecular Weight:	389.45
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 42 mg/mL (107.84 mM)

* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.5677 mL	12.8386 mL	25.6772 mL
	5 mM		0.5135 mL	2.5677 mL	5.1354 mL
	10 mM		0.2568 mL	1.2839 mL	2.5677 mL

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

BIOLOGICAL ACTIVITY

Description

GSK-J2 is an isomer of GSK-J1 that does not have any specific activity. GSK-J1 is a potent inhibitor of H3K27me3/me2-demethylases JMJD3/KDM6B and UTX/KDM6A.

In Vitro

GSK-J2 is an isomer of GSK-J1, and shows poor activity towards KDM6A and KDM6B, with IC₅₀ of > 100 μM and 49 μM, respectively^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Front Mol Neurosci. 2017 Mar 13;10:51.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Heinemann B, et al. Inhibition of demethylases by GSK-J1/J4. Nature. 2014 Oct 2;514(7520):E1-2

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

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