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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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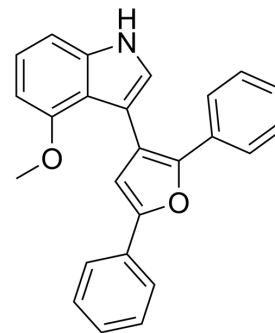
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MMP-9-IN-6

Cat. No.:	HY-149848
CAS No.:	2241964-36-1
Molecular Formula:	C ₂₅ H ₁₉ NO ₂
Molecular Weight:	365.42
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
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 (273.66 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.7366 mL	13.6829 mL	27.3658 mL
				5 mM	0.5473 mL	2.7366 mL	5.4732 mL
				10 mM	0.2737 mL	1.3683 mL	2.7366 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.84 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	MMP-9-IN-6 (Compound 3g) is a MMP-9 inhibitor with IC ₅₀ value of 50 μM, which has good anti-ulcer effect ^[1] .
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REFERENCES

[1]. Deep Sankar Rudra, et al. Newly Synthesized 3-Indolyl Furanoid Inhibits Matrix Metalloproteinase-9 Activity and Prevents Nonsteroidal Anti-inflammatory Drug-Induced Gastric Ulceration. J Med Chem. 2023 Jul 13;66(13):8917-8928.

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

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