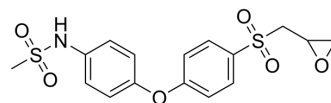


MMP-2 Inhibitor II

Cat. No.:	HY-130076
CAS No.:	869577-51-5
Molecular Formula:	C ₁₆ H ₁₇ NO ₆ S ₂
Molecular Weight:	383.44
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MMP-2 Inhibitor II (compound 2) is a selective MMP-2 inhibitor. The Kinetic parameters for MMP inhibition are 2.4 μM (MMP-2), 45 μM (MMP-1), and 379 μM (MMP-7), respectively ^[1] .		
IC₅₀ & Target	MMP-1 45 μM (Ki)	MMP-2 2.4 μM (Ki)	MMP-7 379 μM (Ki)
In Vitro	Matrix metalloproteinases (MMPs) are zinc-dependent endopeptidases that play important roles in physiological and pathological conditions ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

REFERENCES

[1]. Ikejiri M, et al. Potent mechanism-based inhibitors for matrix metalloproteinases. J Biol Chem. 2005 Oct 7;280(40):33992-4002.

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

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