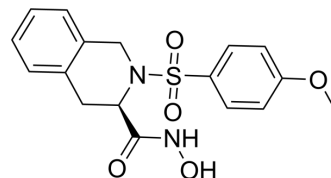


MMP-8 inhibitor-1

Cat. No.:	HY-128133
CAS No.:	236403-25-1
Molecular Formula:	C ₁₇ H ₁₈ N ₂ O ₅ S
Molecular Weight:	362.4
Target:	MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MMP-8 inhibitor-1 (compound 21), a hydroxamic acid derivative, is a potent MMP-8 inhibitor without significant oral bioavailability ^[1] .
IC ₅₀ & Target	MMP-8
In Vivo	MMP-8 inhibitor-1 (compound 21) (100 mg/kg, orally) has not significant oral bioavailability, with maximal plasma levels (C _{max}) of only 2.3 mg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Matter H, et al. Tetrahydroisoquinoline-3-carboxylate based matrix-metalloproteinase inhibitors: design, synthesis and structure-activity relationship. Bioorg Med Chem. 2002 Nov;10(11):3529-44.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA