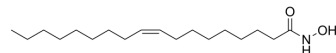


## MMP-2 Inhibitor I

Cat. No.:	HY-112546	
CAS No.:	10335-69-0	
Molecular Formula:	C <sub>18</sub> H <sub>35</sub> NO <sub>2</sub>	
Molecular Weight:	297.48	
Target:	MMP	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### BIOLOGICAL ACTIVITY

Description	MMP-2 Inhibitor I (OA-Hy) is a potent MMP-2 inhibitor with a K <sub>i</sub> of 1.7 μM <sup>[1][2]</sup> .	
IC <sub>50</sub> & Target	MMP-2 1.7 μM (K <sub>i</sub> )	
In Vitro	MMP-2 inhibitor I (OA-Hy; 5 μM; pretreated for 30 min) clearly suppresses R1881-enhanced LNCaP cell migration <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Invasion Assay <sup>[1]</sup>	
	Cell Line:	LNCaP cells
	Concentration:	5 μM
	Incubation Time:	Pretreated for 30 min and then co-incubated for 48 h
	Result:	R1881-enhanced LNCaP cell migration was clearly suppressed.

**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