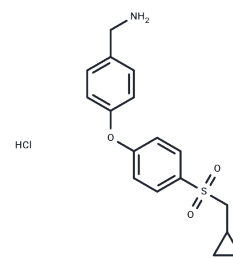


ND-336

Chemical Properties

CAS No. : 1807453-83-3
 Formula: C₁₆H₁₈ClNO₃S₂
 Molecular Weight: 371.9
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	ND-336 is a highly selective inhibitor of MMP-2, MMP-9 and MMP-14. ND-336 accelerates diabetic wound healing by lowering inflammation and by enhancing angiogenesis and re-epithelialization of the wound.
Targets(IC50)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6889 mL	13.4445 mL	26.8889 mL
5 mM	0.5378 mL	2.6889 mL	5.3778 mL
10 mM	0.2689 mL	1.3444 mL	2.6889 mL
50 mM	0.0538 mL	0.2689 mL	0.5378 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Chang M. Restructuring of the extracellular matrix in diabetic wounds and healing: A perspective. *Pharmacol Res.* 2016 May;107:243-8. doi: 10.1016/j.phrs.2016.03.008. PubMed PMID: 27033051.
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- Gao M, Nguyen TT, Suckow MA, Wolter WR, Gooyit M, Mobashery S, Chang M. Acceleration of diabetic wound healing using a novel protease-anti-protease combination therapy. *Proc Natl Acad Sci U S A.* 2015 Dec 8;112(49): 15226-31. doi: 10.1073/pnas.1517847112. PubMed PMID: 26598687; PubMed Central PMCID: PMC4679041.

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