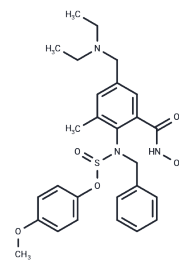


MMP-9-IN-10

Chemical Properties

CAS No. :	1177749-58-4
Formula:	C ₂₇ H ₃₃ N ₃ O ₅ S
Molecular Weight:	511.63
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	MMP-9-IN-10 (compound 4f) is a selective MMP-9 inhibitor with an IC ₅₀ of 5 nM. It is applicable in the study of cancer and inflammation.
Targets(IC ₅₀)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9545 mL	9.7727 mL	19.5454 mL
5 mM	0.3909 mL	1.9545 mL	3.9091 mL
10 mM	0.1955 mL	0.9773 mL	1.9545 mL
50 mM	0.0391 mL	0.1955 mL	0.3909 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481