

## MMP-2 Inhibitor-4

## Chemical Properties

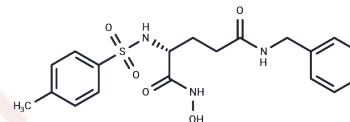
CAS No. :

Formula: C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 405.468

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-2Inhibitor-4 (Compound 5g) is an MMP-2 inhibitor with an IC <sub>50</sub> of 152.62 nM. It effectively reduces MMP-2 levels in K562 cell lines by stably binding to the active site of MMP-2 and exhibits strong anti-angiogenic effects in ACHN cell lines. MMP-2Inhibitor-4 shows potential for research in chronic myelogenous leukemia (CML).
Targets(IC <sub>50</sub> )	MMP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4663 mL	12.3314 mL	24.6627 mL
5 mM	0.4933 mL	2.4663 mL	4.9325 mL
10 mM	0.2466 mL	1.2331 mL	2.4663 mL
50 mM	0.0493 mL	0.2466 mL	0.4933 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