

## MMP13-IN-5

## Chemical Properties

CAS No. :

Formula: C<sub>22</sub>H<sub>18</sub>BrN<sub>3</sub>O<sub>5</sub>

Molecular Weight: 484.3

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	MMP13-IN-5 (compound 13m) is a potent and selective inhibitor of MMP-2 and MMP-13, with IC <sub>50</sub> values of 3.6 µM for MMP-2 and 14.6 µM for MMP-13, implicated in osteoarthritis (OA) pathology [1].
Targets(IC <sub>50</sub> )	MMP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0648 mL	10.3242 mL	20.6484 mL
5 mM	0.413 mL	2.0648 mL	4.1297 mL
10 mM	0.2065 mL	1.0324 mL	2.0648 mL
50 mM	0.0413 mL	0.2065 mL	0.413 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

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