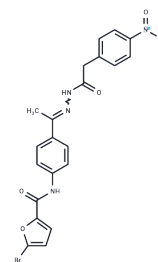


## MMP13-IN-4

## Chemical Properties

CAS No. :	514855-02-8
Formula:	C <sub>21</sub> H <sub>17</sub> BrN <sub>4</sub> O <sub>5</sub>
Molecular Weight:	485.29
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-4 (compound 13) is a potent, selective MMP-13 inhibitor with an IC <sub>50</sub> of 14.6 μM, implicated in the pathology of osteoarthritis (OA) [1].
Targets(IC50)	MMP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0606 mL	10.3031 mL	20.6062 mL
5 mM	0.4121 mL	2.0606 mL	4.1212 mL
10 mM	0.2061 mL	1.0303 mL	2.0606 mL
50 mM	0.0412 mL	0.2061 mL	0.4121 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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