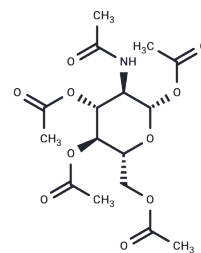


$\beta$ -D-Glucosamine Pentaacetate

## Chemical Properties

CAS No. :	7772-79-4
Formula:	C <sub>16</sub> H <sub>23</sub> NO <sub>10</sub>
Molecular Weight:	389.35
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	$\beta$ -D-Glucosamine pentaacetate is an N-acetylglucosamine derivative that has been shown to promote hyaluronic acid production.
Targets(IC50)	Others

## Solubility Information

Solubility	DMF:PBS(pH 7.2)(1:1): 0.5 mg/mL (1.28 mM),Sonication is recommended. DMSO: 20 mg/mL (51.37 mM),Sonication is recommended. DMF: 30 mg/mL (77.05 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5684 mL	12.8419 mL	25.6838 mL
5 mM	0.5137 mL	2.5684 mL	5.1368 mL
10 mM	0.2568 mL	1.2842 mL	2.5684 mL
50 mM	0.0514 mL	0.2568 mL	0.5137 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481