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**Product Data Sheet**

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Product Name:  $\beta$ -D-Glucosamine Pentaacetate

Cat. No.: GC45232

**Chemical Properties**

Cas. No. 7772-79-4

SMILES CC(OC[C@H]([C@H]([C@@H]([C@H]1NC(C)=O)OC(C)=O)OC(C)=O)O[C@H]1OC(C)=O)=OFormula  $C_{16}H_{23}NO_{10}$  M.Wt 389.4

Solubility DMF: 30 mg/ml, DMF:PBS(pH 7.2)(1:1): 0.5 mg/ml, DMSO: 20 mg/ml Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

$\beta$ -D-Glucosamine pentaacetate is an N-acetylglucosamine derivative that has been shown to promote hyaluronic acid production.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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