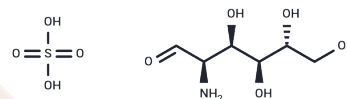


## Glucosamine sulfate

## Chemical Properties

CAS No. : 29031-19-4  
Formula: C<sub>6</sub>H<sub>13</sub>NO<sub>5</sub>·H<sub>2</sub>SO<sub>4</sub>  
Molecular Weight: 277.25  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Glucosamine sulfate (D-Glucosaminesulfate) was extracted from synthetic product;Store the product in sealed, cool and dry condition.
Targets(IC50)	MMP,Reactive Oxygen Species,HIF/HIF Prolyl-Hydroxylase,Endogenous Metabolite, Autophagy

## Solubility Information

Solubility	DMSO: 2.5 mg/mL (9.02 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	3.6069 mL	18.0343 mL	36.0685 mL
5 mM	0.7214 mL	3.6069 mL	7.2137 mL
10 mM	0.3607 mL	1.8034 mL	3.6069 mL
50 mM	0.0721 mL	0.3607 mL	0.7214 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.

## Reference

Mavrogonatou E, Angelopoulou MT, Kletsas D. J Orthop Res. 2014 Dec;32(12):1701-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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