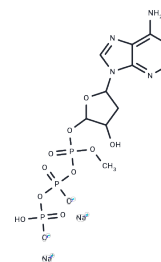


Guar gum

Chemical Properties

CAS No. :	9000-30-0
Formula:	C10H14N5Na2O12P3
Molecular Weight:	535.146
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Guar gum is a galactomannan polysaccharide extracted from guar beans, it has stabilizing and thickening properties useful in food, feed, and industrial applications.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8686 mL	9.3432 mL	18.6863 mL
5 mM	0.3737 mL	1.8686 mL	3.7373 mL
10 mM	0.1869 mL	0.9343 mL	1.8686 mL
50 mM	0.0374 mL	0.1869 mL	0.3737 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

Giri A, Bhowmick R, Prodhan C, Majumder D, Bhattacharya SK, Ali M. Synthesis and characterization of biopolymer based hybrid hydrogel nanocomposite and study of their electrochemical efficacy. Int J Biol Macromol. 2018 Nov 7;

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