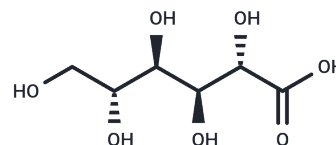


D-Mannuronic Acid

Chemical Properties

CAS No. :	6906-37-2
Formula:	C ₆ H ₁₂ O ₇
Molecular Weight:	196.16
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	D-Mannuronic Acid is a blocker of the TLR2 and TLR4 downstream signaling pathway. D-Mannuronic Acid effectively inhibits mRNA expression of MyD88 and p65, major subunit of nuclear factor-kappaB.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0979 mL	25.4894 mL	50.9788 mL
5 mM	1.0196 mL	5.0979 mL	10.1958 mL
10 mM	0.5098 mL	2.5489 mL	5.0979 mL
50 mM	0.102 mL	0.5098 mL	1.0196 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

Vojdanian M, Ahmadi H, Jamshidi AR, Mahmoudi M, Gharibdoost F, Barati A, Mirshafiey A. The anti-migraine effects of M2000 (β-D-mannuronic acid) on a patient with rheumatoid arthritis; as a case report. Curr Clin

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