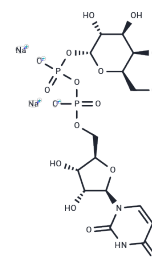


UDP-a-D-Galactose disodium salt

Chemical Properties

CAS No. :	137868-52-1
Formula:	C ₁₅ H ₂₂ N ₂ Na ₂ O ₁₇ P ₂
Molecular Weight:	610.265
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	UDP-a-D-Galactose disodium salt is a donor substrate for galactosyltransferases employed in the biosynthesis of galactose-containing oligosaccharides[1].
Targets(IC50)	Others,Endogenous Metabolite,P2Y Receptor

Solubility Information

Solubility	H ₂ O: 49 mg/mL (80.29 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	1.6386 mL	8.1931 mL	16.3862 mL
5 mM	0.3277 mL	1.6386 mL	3.2772 mL
10 mM	0.1639 mL	0.8193 mL	1.6386 mL
50 mM	0.0328 mL	0.1639 mL	0.3277 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.

Reference

Stults CL, et al. Characterization of the substrate specificity of alpha1,3galactosyltransferase utilizing modified N-acetyllactosamine disaccharides. *Glycobiology*. 1999 Jul;9(7):661-8.

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