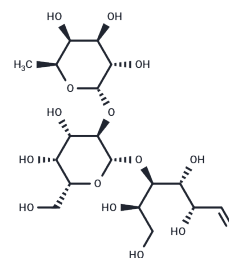


2'-FUCOSYLLACTOSE

Chemical Properties

CAS No. :	41263-94-9
Formula:	C ₁₈ H ₃₂ O ₁₅
Molecular Weight:	488.44
Storage:	Keep away from direct sunlight 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	2'-FUCOSYLLACTOSE (2'-Fucosyl-D-lactose) is a fucose-containing oligosaccharide.
Targets(IC50)	Others, Interleukin, TNF

Solubility Information

Solubility	DMSO: 60 mg/mL (122.84 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	2.0473 mL	10.2367 mL	20.4733 mL
5 mM	0.4095 mL	2.0473 mL	4.0947 mL
10 mM	0.2047 mL	1.0237 mL	2.0473 mL
50 mM	0.0409 mL	0.2047 mL	0.4095 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

Li C , Wu M , Gao X , et al. Efficient Biosynthesis of 2'-Fucosyllactose Using an In Vitro Multienzyme Cascade[J]. Journal of Agricultural and Food Chemistry, 2020, XXXX(XXX).

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