Data Sheet (Cat.No.T13866)

TargetMol

Retinyl glucoside

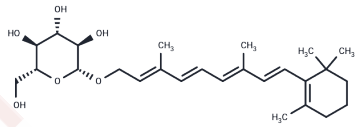
Chemical Properties

CAS No. : 136778-12-6

Formula: C26H40O6

Molecular Weight: 448.59

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Retinyl-β-D-glucoside, a biologically active metabolite of vitamin A, naturally occurs in fish and mammals.
Targets(IC50)	Others,Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2292 mL	11.146 mL	22.2921 mL
5 mM	0.4458 mL	2.2292 mL	4.4584 mL
10 mM	0.2229 mL	1.1146 mL	2.2292 mL
50 mM	0.0446 mL	0.2229 mL	0.4458 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

Vanderjagt DJ, et al. Human glucocerebrosidase catalyses transglucosylation between glucocerebroside and retinol. Biochem J. 1994 Jun 1;300 (Pt 2):309-15. http://www.ncbi.nlm.nih.gov/pubmed/8002933
Barua AB, et al. Chemical synthesis, growth-promoting activity, and metabolism of all-trans retinyl beta-glucose in the rat. Int J Vitam Nutr Res. 1992;62(4):298-302.

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