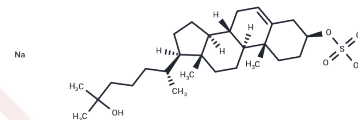


Larsucosterol sodium

Chemical Properties

CAS No. :	1174047-40-5
Formula:	C ₂₇ H ₄₆ NaO ₅ S
Molecular Weight:	505.71
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	Larsucosterol sodium is a cholesterol metabolite from the nuclei of normal human liver tissues, epigenetically regulates the transcription of proteins and enzymes involved in lipid synthesis, inflammation, and apoptosis.
Targets(IC50)	Others,Endogenous Metabolite,Liver X Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9774 mL	9.8871 mL	19.7742 mL
5 mM	0.3955 mL	1.9774 mL	3.9548 mL
10 mM	0.1977 mL	0.9887 mL	1.9774 mL
50 mM	0.0395 mL	0.1977 mL	0.3955 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

- Ren S, Hylemon P, Zhang ZP, Rodriguez-Agudo D, Marques D, Li X, Zhou H, Gil G, Pandak WM. Identification of a novel sulfonated oxysterol, 5-cholesten-3beta,25-diol 3-sulfonate, in hepatocyte nuclei and mitochondria. *J Lipid Res.* 2006 May;47(5):1081-90. doi: 10.1194/jlr.M600019-JLR200. Epub 2006 Feb 27. PMID: 16505492.
- Wang Y, Li X, Ren S. Cholesterol Metabolites 25-Hydroxycholesterol and 25-Hydroxycholesterol 3-Sulfate Are Potent Paired Regulators: From Discovery to Clinical Usage. *Metabolites.* 2020 Dec 25;11(1):9.

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