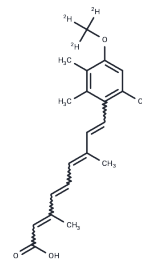


13-cis Acitretin-D3

Chemical Properties

CAS No. :	1185241-03-5
Formula:	C ₂₁ H ₂₆ O ₃
Molecular Weight:	329.454
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	13-cis Acitretin-D3 is a deuterium-labeled 13-cis Acitretin. 13-cis Acitretin (T32201) is the metabolite of Acitretin after chronic administration. Acitretin is a second-generation, systemic retinoid.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0354 mL	15.1768 mL	30.3536 mL
5 mM	0.6071 mL	3.0354 mL	6.0707 mL
10 mM	0.3035 mL	1.5177 mL	3.0354 mL
50 mM	0.0607 mL	0.3035 mL	0.6071 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

A E Stuck, et al. Pharmacokinetics of acitretin and its 13-cis metabolite in patients on haemodialysis. Br J Clin Pharmacol. 1989 Mar; 27(3): 301-304.

Berbis P, et al. Residual plasma concentrations of acitretin (Ro 10-1670) and its metabolite (Ro 13-7652) after chronic administration. Dermatologica. 1988;177(4):244-6.

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