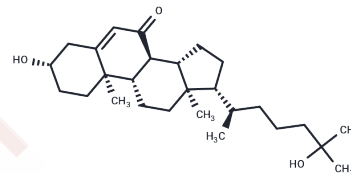


7-keto-25-hydroxy Cholesterol

Chemical Properties

CAS No. :	64907-23-9
Formula:	C ₂₇ H ₄₄ O ₃
Molecular Weight:	416.646
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	7-Keto-25-hydroxy Cholesterol, an oxysterol and proposed metabolite of 7-keto cholesterol and 7-dehydro cholesterol, binds to and activates Smoothed (Smo) at the conserved extracellular cysteine-rich domain (CRD) in a reporter assay. Additionally, it enhances the number of EGF high affinity binding sites in normal rat kidney (NRK) cells.
Targets(IC50)	Others,Smo

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4001 mL	12.0005 mL	24.001 mL
5 mM	0.480 mL	2.4001 mL	4.8002 mL
10 mM	0.240 mL	1.200 mL	2.4001 mL
50 mM	0.048 mL	0.240 mL	0.480 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481