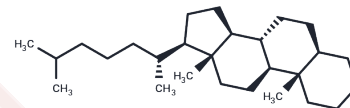


5 $\alpha$ -Cholestane

## Chemical Properties

CAS No. :	481-21-0
Formula:	C <sub>27</sub> H <sub>48</sub>
Molecular Weight:	372.67
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	5 $\alpha$ -Cholestane belongs to the cholestane steroid class of compounds.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6833 mL	13.4167 mL	26.8334 mL
5 mM	0.5367 mL	2.6833 mL	5.3667 mL
10 mM	0.2683 mL	1.3417 mL	2.6833 mL
50 mM	0.0537 mL	0.2683 mL	0.5367 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

Xu L , Gao Z , Luo M , et al. [Isolation and identification of a pyrene-degrading bacterial strain from contaminated soil]]. Acta Microbiologica Sinica, 2011, 51(3):313-319.

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