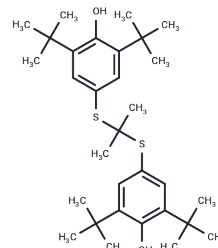


Probucol

Chemical Properties

CAS No. :	23288-49-5
Formula:	C ₃₁ H ₄₈ O ₂ S ₂
Molecular Weight:	516.84
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Probucol (DH-581), an anti-hyperlipidemic drug, can lower the level of cholesterol in the bloodstream by increasing the LDL catabolic rate.
Targets(IC50)	ABC Transporter

Solubility Information

Solubility	DMSO: 60 mg/mL (116.09 mM), Sonication is recommended. Ethanol: 95 mg/mL (183.81 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or 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	1.9348 mL	9.6742 mL	19.3483 mL
5 mM	0.387 mL	1.9348 mL	3.8697 mL
10 mM	0.1935 mL	0.9674 mL	1.9348 mL
50 mM	0.0387 mL	0.1935 mL	0.387 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.

Reference

Jeon SM, et al. J Biochem Mol Toxicol. 2005, 19(5):336-46.

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