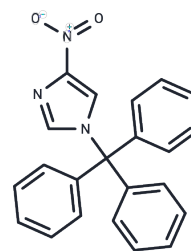


CDD3505

Chemical Properties

CAS No. : 173865-33-3
 Formula: C₂₂H₁₇N₃O₂
 Molecular Weight: 355.39
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CDD3505 (4-nitro-1-trityl-1H-imidazole) increases high-density lipoprotein cholesterol by targeting hepatic CYP3A.
Targets(IC50)	Cytochromes P450

Solubility Information

Solubility	DMSO: 10 mg/mL (28.14 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8138 mL	14.0691 mL	28.1381 mL
5 mM	0.5628 mL	2.8138 mL	5.6276 mL
10 mM	0.2814 mL	1.4069 mL	2.8138 mL
50 mM	0.0563 mL	0.2814 mL	0.5628 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

Method for increasing HDL cholesterol levels using heteroaromatic phenylmethanes. United States Patent 6103733

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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