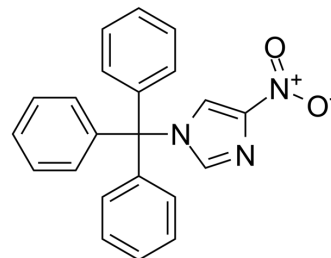


CDD3505

Cat. No.:	HY-100901		
CAS No.:	173865-33-3		
Molecular Formula:	C ₂₂ H ₁₇ N ₃ O ₂		
Molecular Weight:	355.39		
Target:	Cytochrome P450		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 14.29 mg/mL (40.21 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

CDD3505 is used for elevating high density lipoprotein cholesterol (HDL) by inducing hepatic cytochrome P450III A (CYP3A) activity.

In Vitro

CDD3505 specifically induces hepatic cytochrome P450III A produces significant increases in HDL cholesterol^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Method for increasing HDL cholesterol levels?using?heteroaromatic phenylmethanes. United States Patent 6103733

Caution: Product has not been fully validated for medical applications. For research use only.

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