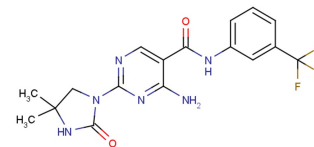


Imanixil

Chemical Properties

CAS No.:	75689-93-9
Formula:	C ₁₇ H ₁₇ F ₃ N ₆ O ₂
Molecular Weight:	394.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Imanixil is an inducer of the LDL receptor (LDLR) and it is also a potent cholesterol-lowering compound. It also inhibits very low density-lipoprotein (VLDL) production and consequently decreases atherosclerosis development.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 300 mg/mL (760.75 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.536 mL	12.679 mL	25.358 mL
5 mM	0.507 mL	2.536 mL	5.072 mL
10 mM	0.254 mL	1.268 mL	2.536 mL
50 mM	0.051 mL	0.254 mL	0.507 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Draijer R, et al. HOE 402 lowers serum cholesterol levels by reducing VLDL-lipid production, and not by induction of the LDL receptor, and reduces atherosclerosis in wild-type and LDL receptor-deficient mice. *Biochem Pharmacol.* 2002 May 1;63(9):1755-61.

Inhibitors · Natural Compounds · Compound Libraries

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