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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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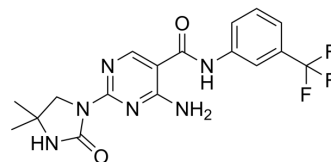
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Imanixil

Cat. No.:	HY-101529		
CAS No.:	75689-93-9		
Molecular Formula:	C ₁₇ H ₁₇ F ₃ N ₆ O ₂		
Molecular Weight:	394.35		
Target:	LDLR		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (253.58 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.5358 mL	12.6791 mL	25.3582 mL
		5 mM		0.5072 mL	2.5358 mL	5.0716 mL
		10 mM		0.2536 mL	1.2679 mL	2.5358 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (12.68 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.08 mg/mL (5.27 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.27 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Imanixil (HOE-402 free base) is an inducer of the LDL receptor (LDLR). Imanixil (HOE-402 free base) is also a potent cholesterol-lowering compound, which inhibits very low density-lipoprotein (VLDL) production, and consequently attenuates atherosclerosis development ^[1] .
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REFERENCES

[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.

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

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