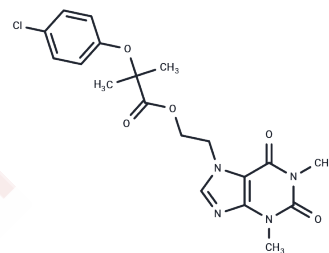


Etofylline clofibrate

Chemical Properties

CAS No. :	54504-70-0
Formula:	C ₁₉ H ₂₁ ClN ₄ O ₅
Molecular Weight:	420.85
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Etofylline clofibrate has a hypolipidemic and antithrombotic effect and it also has an agonistic interaction with intimal PGI ₂ .
Targets(IC ₅₀)	Others
In vivo	Etofylline clofibrate administered orally at a dosage of 12 mg/kg demonstrates a moderate initial efficacy with a 12% reduction in disaggregation time from a single dose. The effectiveness of the compound increases significantly with consistent daily usage, achieving a maximum reduction in disaggregation time of 31% after 5 days and 43% after 7 days of consecutive applications.

Solubility Information

Solubility	DMSO: 52 mg/mL (123.56 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	2.3761 mL	11.8807 mL	23.7614 mL
5 mM	0.4752 mL	2.3761 mL	4.7523 mL
10 mM	0.2376 mL	1.1881 mL	2.3761 mL
50 mM	0.0475 mL	0.2376 mL	0.4752 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

Metz G, et al. Effect of etofylline clofibrate on experimental thrombus formation and prostacyclin activation. *Arzneimittelforschung*. 1986 Sep;36(9):1363-5.

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