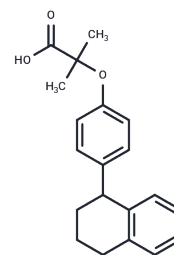


Nafenopin

Chemical Properties

CAS No. :	3771-19-5
Formula:	C ₂₀ H ₂₂ O ₃
Molecular Weight:	310.39
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nafenopin is a peroxisome proliferator with hepatotumor-promoting activity and can also be used as an anti-hyperlipoproteinemia agent. Nafenopin induces oxidative stress in vivo and exerts hepatic effects, with a mechanism of action significantly different from other non-genotoxic carcinogens.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2218 mL	16.1088 mL	32.2175 mL
5 mM	0.6444 mL	3.2218 mL	6.4435 mL
10 mM	0.3222 mL	1.6109 mL	3.2218 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Evidence that the capacity of nongenotoxic carcinogens to induce oxidative stress is subject to marked variability
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Mogilenko DA, Dizhe EB, Shavva VS, Lapikov IA, Orlov SV, Perevozchikov AP. Role of the nuclear receptors HNF4 alpha, PPAR alpha, and LXRs in the TNF alpha-mediated inhibition of human apolipoprotein A-I gene expression in HepG2 cells. *Biochemistry.* 2009 Dec 22;48(50):11950-60. doi: 10.1021/bi9015742. PubMed PMID: 19883121.

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