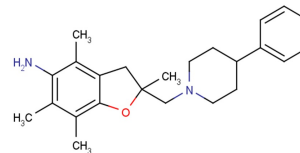


Lipid peroxidation inhibitor 1

Chemical Properties

CAS No.:	142873-41-4
Formula:	C ₂₄ H ₃₂ N ₂ O
Molecular Weight:	364.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Lipid peroxidation inhibitor 1 is an inhibitor of lipid peroxidation (IC ₅₀ : 0.07 µM).
Targets(IC ₅₀)	lipid peroxidation: 0.07µM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.743 mL	13.717 mL	27.433 mL
5 mM	0.549 mL	2.743 mL	5.487 mL
10 mM	0.274 mL	1.372 mL	2.743 mL
50 mM	0.055 mL	0.274 mL	0.549 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. Ohkawa S, et al. 5-aminocoumarans: dual inhibitors of lipid peroxidation and dopamine release with protective effects against central nervous system trauma and ischemia. J Med Chem. 1997 Feb 14;40(4):559-73.

Inhibitors · Natural Compounds · Compound Libraries

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