

Xenlipin

Chemical Properties

CAS No.:	84392-17-6
Formula:	C ₁₄ H ₉ F ₃ O ₂
Molecular Weight:	266.22
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Xenlipin has hypolipidemic. It reduces blood cholesterol and triglycerides in rats.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	3.756 mL	18.781 mL	37.563 mL
5 mM	0.751 mL	3.756 mL	7.513 mL
10 mM	0.376 mL	1.878 mL	3.756 mL
50 mM	0.075 mL	0.376 mL	0.751 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

- Lewis MC, Hodgson GL, Shumaker TK, Namm DH. Evaluation of the hypolipidemic activity of xenlipin in experimental animals. *Atherosclerosis*. 1987 Mar;64(1):27-35. PubMed PMID: 3689493.
- Liu KM, Zhang R, Duan XF. Room-temperature cobalt-catalyzed arylation of aromatic acids: overriding the ortho-selectivity via the oxidative assembly of carboxylate and aryl titanate reagents using oxygen. *Org Biomol Chem*. 2016 Feb 7;14(5):1593-8. doi: 10.1039/c5ob02496j. PubMed PMID: 26732625.

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