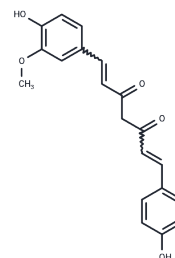


(E/Z)-Demethoxycurcumin

Chemical Properties

CAS No. :	24939-17-1
Formula:	C ₂₀ H ₁₈ O ₅
Molecular Weight:	338.35
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(p-Hydroxycinnamoyl)feruloylmethane is found in Curcuma zedoaria and Etlingera elatior. It has a role as a metabolite, an antineoplastic agent and an anti-inflammatory agent.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (162.55 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9555 mL	14.7776 mL	29.5552 mL
5 mM	0.5911 mL	2.9555 mL	5.911 mL
10 mM	0.2956 mL	1.4778 mL	2.9555 mL
50 mM	0.0591 mL	0.2956 mL	0.5911 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

- Ryu, M.J. et al.: Biochem. Biophys. Res. Comm., 377, 1304 (2008)
 Sandur, S.K. et al.: Carcinogenesis, 28, 1765 (2007)

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