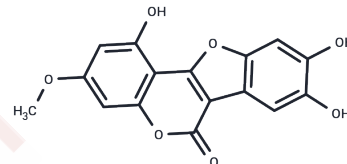


Wedelolactone

Chemical Properties

CAS No. :	524-12-9
Formula:	C ₁₆ H ₁₀ O ₇
Molecular Weight:	314.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Wedelolactone (IKK Inhibitor II) inhibits NF-κB-mediated gene transcription in cells by blocking the phosphorylation and degradation of IκBα.
Targets(IC50)	Apoptosis,NF-κB,Caspase,Lipoxygenase

Solubility Information

Solubility	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5.7 mg/mL (18.14 mM),Solution. DMSO: 20 mg/mL (63.64 mM),Sonication is recommended. Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1822 mL	15.9109 mL	31.8218 mL
5 mM	0.6364 mL	3.1822 mL	6.3644 mL
10 mM	0.3182 mL	1.5911 mL	3.1822 mL
50 mM	0.0636 mL	0.3182 mL	0.6364 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

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