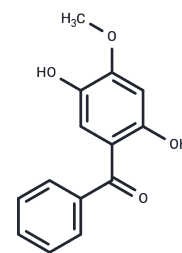


Cearoin

Chemical Properties

CAS No. :	52811-37-7
Formula:	C ₁₄ H ₁₂ O ₄
Molecular Weight:	244.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cearoin has anti-inflammatory, and antiallergic activities, it can markedly inhibit inflammatory responses including LPS-induced NO production by suppressing the expression of iNOS mRNA and LPS-induced mRNA expression of TNF α and CCL2. Cearoin induces autophagy, ERK activation and apoptosis in neuroblastoma SH-SY5Y cells, which is mediated primarily by ROS generation, suggesting its therapeutic application for the treatment of neuroblastomas.
Targets(IC50)	ERK,BCL,PARP,IkB/IKK,TNF,NF- κ B,ROS,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0943 mL	20.4717 mL	40.9433 mL
5 mM	0.8189 mL	4.0943 mL	8.1887 mL
10 mM	0.4094 mL	2.0472 mL	4.0943 mL
50 mM	0.0819 mL	0.4094 mL	0.8189 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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