

1,4,6-Heptatrien-3-one

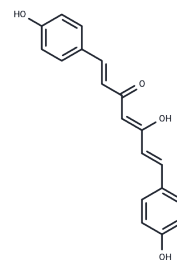
Chemical Properties

CAS No. : 52328-96-8

Formula: C₁₉H₁₆O₄

Molecular Weight: 308.33

Storage: Store at low temperature, Keep away from moisture,
Keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Bisdemethoxycurcumin is a natural curcumin derivative that activates the AMPK α pathway to attenuate LPS-induced acute lung injury; reversibly inhibits tyrosinase and possesses anti-browning ability; enhances the antiprostata cancer efficacy of docetaxel (DTX); targets cellular pathways involved in oxidative stress and apoptosis; and is an anticancer agent.
Targets(IC50)	AMPK, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2433 mL	16.2164 mL	32.4328 mL
5 mM	0.6487 mL	3.2433 mL	6.4866 mL
10 mM	0.3243 mL	1.6216 mL	3.2433 mL
50 mM	0.0649 mL	0.3243 mL	0.6487 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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