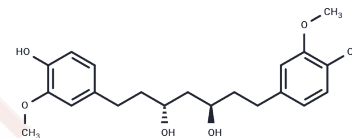


(3R,5R)-Octahydrocurcumin

Chemical Properties

CAS No. :	408324-14-1
Formula:	C ₂₁ H ₂₈ O ₆
Molecular Weight:	376.44
Storage:	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	(3R,5R)-Octahydrocurcumin (Compound 7) is a metabolite of Curcumin produced by gut microbiota. It exhibits neuroprotective effects against A β 25-35-induced cell damage in SH-SY5Y cells and possesses anti-inflammatory properties in LPS-stimulated BV-2 mouse microglia.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6565 mL	13.2823 mL	26.5647 mL
5 mM	0.5313 mL	2.6565 mL	5.3129 mL
10 mM	0.2656 mL	1.3282 mL	2.6565 mL
50 mM	0.0531 mL	0.2656 mL	0.5313 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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