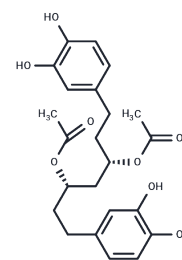


1,7-Bis(3,4-dihydroxyphenyl)heptane-3,5-diyl diacetate

Chemical Properties

CAS No. :	138870-97-0
Formula:	C ₂₃ H ₂₈ O ₈
Molecular Weight:	432.46
Storage:	Keep away from direct sunlight, Keep away from moisture, Store at low temperature Store at -20°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	1,7-Bis(3,4-dihydroxyphenyl)heptane-3,5-diyl diacetate is a compound derived from ginger with potential antioxidant activity.
Targets(IC50)	Antioxidant, NF-κB

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3124 mL	11.5618 mL	23.1235 mL
5 mM	0.4625 mL	2.3124 mL	4.6247 mL
10 mM	0.2312 mL	1.1562 mL	2.3124 mL
50 mM	0.0462 mL	0.2312 mL	0.4625 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.

Reference

He L, et al. Metabolic Profiles of Ginger, A Functional Food, and Its Representative Pungent Compounds in Rats by Ultraperformance Liquid Chromatography Coupled with Quadrupole Time-of-Flight Tandem Mass Spectrometry. J Agric Food Chem. 2018 Aug 29;66(34):9010-9033.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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