

[[1(10)E,2R,4R]]-2-methoxy-8,12-epoxygemacra-1(10),7,11-trien-6-one

Chemical Properties

CAS No. : 75412-95-2

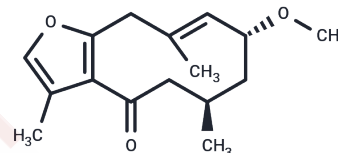
Formula: C₁₆H₂₂O₃

Molecular Weight: 262.34

Storage: Store at low temperature, 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	[[1(10)E,2R,4R]]-2-methoxy-8,12-epoxygemacra-1(10),7,11-trien-6-one, a sesquiterpene from turmeric, is also known as (1(10)E,2R*,4R*)-2-Methoxy-8,12-epoxygermacra-1(10),7,11-trien-6-one.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8118 mL	19.0592 mL	38.1185 mL
5 mM	0.7624 mL	3.8118 mL	7.6237 mL
10 mM	0.3812 mL	1.9059 mL	3.8118 mL
50 mM	0.0762 mL	0.3812 mL	0.7624 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

Nan Zhao, et al. Two New Sesquiterpenes from Myrrh. Helvetica Chimica Acta - Vol. 98 (2015).

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