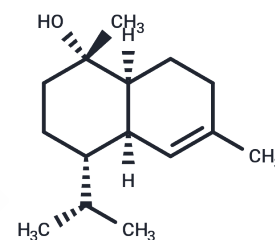


T-Muurolol

Chemical Properties

CAS No. :	19912-62-0
Formula:	C ₁₅ H ₂₆ O
Molecular Weight:	222.37
Storage:	Keep away from direct sunlight, Keep away from moisture, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	T-Muurolol (epi- α -Muurolol), a sesquiterpene compound derived from <i>Streptomyces</i> sp. M491, possesses antimicrobial, antioxidant, and anti-inflammatory activities, and exhibits strong binding interactions with Flavin Adenine Dinucleotide (FAD)-dependent Nicotinamide Adenine Dinucleotide Phosphate (NAD(P)H) Oxidase and Cyclooxygenase-2. binding interactions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.497 mL	22.485 mL	44.9701 mL
5 mM	0.8994 mL	4.497 mL	8.994 mL
10 mM	0.4497 mL	2.2485 mL	4.497 mL
50 mM	0.0899 mL	0.4497 mL	0.8994 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

Ding L, et al. T-muurolol sesquiterpenes from the marine *Streptomyces* sp. M491 and revision of the configuration of previously reported amorphanes. *J Nat Prod.* 2009 Jan;72(1):99-101.

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