Data Sheet (Cat.No.T29945)

TargetMol

Amafolone

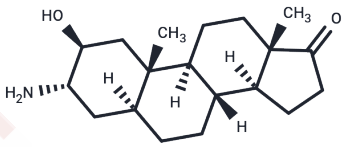
Chemical Properties

CAS No. : 50588-47-1

Formula: C19H31NO2

Molecular Weight: 305.462

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	Amafolone is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2738 mL	16.3688 mL	32.7375 mL
5 mM	0.6548 mL	3.2738 mL	6.5475 mL
10 mM	0.3274 mL	1.6369 mL	3.2738 mL
50 mM	0.0655 mL	0.3274 mL	0.6548 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

Borowicz LE, Martin CL, Sanguinetti MC. Cellular electrophysiological properties of a new aminosteroid antiarrhythmic agent, SC-35135. J Cardiovasc Pharmacol. 1988 Aug;12(2):218-26. PubMed PMID: 2459553.

Kane K, McDonald F, Parratt J, Timmer C, Vink J. Antiarrhythmic effects of Org 6001 in rats: correlation with plasma and tissue drug concentrations. Br J Pharmacol. 1982 Feb;75(2):319-23. PubMed PMID: 7186821; PubMed Central PMCID: PMC2071599.

Klein G, Wirtzfeld A, Schlegl J, Himmler C, Neiss A. [Efficacy of anti-arrhythmia agents]. Med Klin. 1980 Nov 21;75 (24):853-5. German. PubMed PMID: 6160379.

Marshall RJ, Winslow E. The antidysrhythmic and cardiovascular effects of the aminosteroid, ORG 6001. Gen Pharmacol. 1981;12(5):315-22. Review. PubMed PMID: 7026350.

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