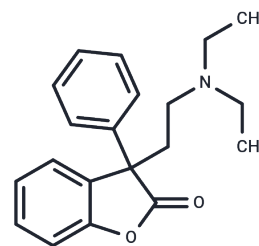


Amolanone

Chemical Properties

CAS No. :	76-65-3
Formula:	C ₂₀ H ₂₃ NO ₂
Molecular Weight:	309.4
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	Amolanone is a Local Anesthetic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2321 mL	16.1603 mL	32.3206 mL
5 mM	0.6464 mL	3.2321 mL	6.4641 mL
10 mM	0.3232 mL	1.616 mL	3.2321 mL
50 mM	0.0646 mL	0.3232 mL	0.6464 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

Hjuler CT, Maolanon NN, Sauer J, Stougaard J, Thygesen MB, Jensen KJ. Preparation of glycoconjugates from unprotected carbohydrates for protein-binding studies. *Nat Protoc.* 2017 Nov;12(11):2411-2422. doi: 10.1038/nprot.2017.109. Epub 2017 Oct 26. PubMed PMID: 29072708.

Kitir B, Maolanon AR, Ohm RG, Colaço AR, Fristrup P, Madsen AS, Olsen CA. Chemical Editing of Macrocyclic Natural Products and Kinetic Profiling Reveal Slow, Tight-Binding Histone Deacetylase Inhibitors with Picomolar Affinities. *Biochemistry.* 2017 Sep 26;56(38):5134-5146. doi: 10.1021/acs.biochem.7b00725. Epub 2017 Sep 15. PubMed PMID: 28858522.

Maolanon AR, Risgaard R, Wang SY, Snoep Y, Papangelis A, Yi F, Holley D, Barslund AF, Svenstrup N, Hansen KB, Clausen RP. Subtype-Specific Agonists for NMDA Receptor Glycine Binding Sites. *ACS Chem Neurosci.* 2017 Aug 16;8(8):1681-1687. doi: 10.1021/acschemneuro.7b00117. Epub 2017 May 30. PubMed PMID: 28514141; PubMed Central PMCID: PMC5559341.

Maolanon AR, Kristensen HM, Leman LJ, Ghadiri MR, Olsen CA. Natural and Synthetic Macrocyclic Inhibitors of the Histone Deacetylase Enzymes. *Chembiochem.* 2017 Jan 3;18(1):5-49. doi: 10.1002/cbic.201600519. Epub 2016 Dec 8. Review. PubMed PMID: 27748555.

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