

Rad 243

Chemical Properties

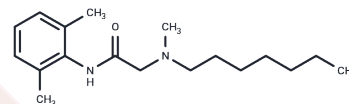
CAS No. : 103825-20-3

Formula: C₁₈H₃₀N₂O

Molecular Weight: 290.44

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	Rad 243 is a sodium channel blocker with antiarrhythmic activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4431 mL	17.2153 mL	34.4305 mL
5 mM	0.6886 mL	3.4431 mL	6.8861 mL
10 mM	0.3443 mL	1.7215 mL	3.4431 mL
50 mM	0.0689 mL	0.3443 mL	0.6886 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

Grant AO, Chandra R, Keller C, Carboni M, Starmer CF. Block of wild-type and inactivation-deficient cardiac sodium channels IFM/QQQ stably expressed in mammalian cells. *Biophys J.* 2000 Dec;79(6):3019-35. PubMed PMID: 11106609; PubMed Central PMCID: PMC1301180.

Liu L, Wendt DJ, Grant AO. Relationship between structure and sodium channel blockade by lidocaine and its amino-alkyl derivatives. *J Cardiovasc Pharmacol.* 1994 Nov;24(5):803-12. PubMed PMID: 7532759.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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