

LY 97119

Chemical Properties

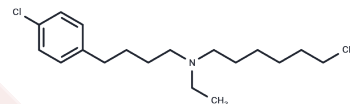
CAS No. : 72456-59-8

Formula: C₁₉H₃₂ClN

Molecular Weight: 309.92

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	LY 97119, an analog of clofilium, inhibits heart potassium channels.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2266 mL	16.1332 mL	32.2664 mL
5 mM	0.6453 mL	3.2266 mL	6.4533 mL
10 mM	0.3227 mL	1.6133 mL	3.2266 mL
50 mM	0.0645 mL	0.3227 mL	0.6453 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

Kobayashi T, Mikala G, Yatani A. A novel enhancing effect of clofilium on transient outward-type cloned cardiac K⁺ channel currents. Br J Pharmacol. 1995 Mar;114(6):1222-6. PubMed PMID: 7620712; PubMed Central PMCID: PMC1510356.

Castle NA. Selective inhibition of potassium currents in rat ventricle by clofilium and its tertiary homolog. J Pharmacol Exp Ther. 1991 Apr;257(1):342-50. PubMed PMID: 2019997.

Arena JP, Kass RS. Block of heart potassium channels by clofilium and its tertiary analogs: relationship between drug structure and type of channel blocked. Mol Pharmacol. 1988 Jul;34(1):60-6. PubMed PMID: 2455861.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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