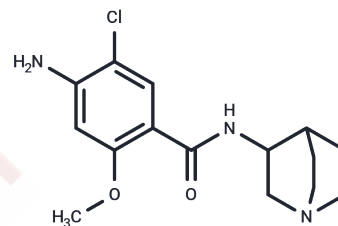


Zacopride

Chemical Properties

CAS No. :	90182-92-6
Formula:	C ₁₅ H ₂₀ ClN ₃ O ₂
Molecular Weight:	309.79
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	Zacopride is a selective agonist of inward rectifier potassium current (I K1) channel, inhibiting ventricular arrhythmias without affecting atrial arrhythmias.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.228 mL	16.140 mL	32.2799 mL
5 mM	0.6456 mL	3.228 mL	6.456 mL
10 mM	0.3228 mL	1.614 mL	3.228 mL
50 mM	0.0646 mL	0.3228 mL	0.6456 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

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- Zhang L, Liu Q, Liu C, Zhai X, Feng Q, Xu R, Cui X, Zhao Z, Cao J, Wu B. Zacopride selectively activates the Kir2.1 channel via a PKA signaling pathway in rat cardiomyocytes. *Sci China Life Sci.* 2013 Sep;56(9):788-96. doi: 10.1007/s11427-013-4531-z. Epub 2013 Aug 8. PubMed PMID: 23929001.
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- Curtis MJ. Activation of IK1 by zacopride: amelioration of left ventricular remodeling, but at what risk? *J Cardiovasc Pharmacol.* 2014 Oct;64(4):343-4. doi: 10.1097/FJC.000000000000140. PubMed PMID: 25000479.

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