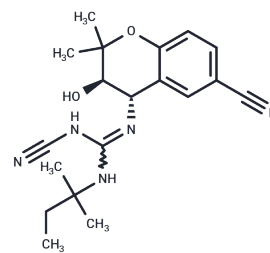


U89232

Chemical Properties

CAS No. : 134017-78-0
 Formula: C₁₉H₂₅N₅O₂
 Molecular Weight: 355.43
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	U-89232 is an opener of the cardioselective KATP channel.
Targets(IC50)	Others
In vivo	U-89232 is a derivative of the ATP-sensitive potassium (KATP) channel opener Cromakalim.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8135 mL	14.0675 mL	28.1349 mL
5 mM	0.5627 mL	2.8135 mL	5.627 mL
10 mM	0.2813 mL	1.4067 mL	2.8135 mL
50 mM	0.0563 mL	0.2813 mL	0.5627 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.

Reference

Rohmann S, et al. In swine myocardium, the infarct size reduction induced by U-89232 is glibenclamide sensitive: evidence that U-89232 is a cardioselective opener of ATP-sensitive potassium channels. J Cardiovasc Pharmacol.

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