

RS 1893

Chemical Properties

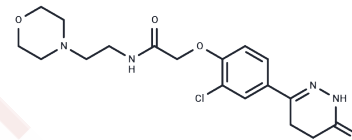
CAS No. : 103433-83-6

Formula: C₁₈H₂₃ClN₄O₄

Molecular Weight: 394.85

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	RS 1893 is an orally active cardiotonic agent and its structure is different from that of cardiac glycosides and beta-stimulants.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5326 mL	12.663 mL	25.3261 mL
5 mM	0.5065 mL	2.5326 mL	5.0652 mL
10 mM	0.2533 mL	1.2663 mL	2.5326 mL
50 mM	0.0507 mL	0.2533 mL	0.5065 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

Miyake S, Shiga H, Koike H, Mizuno H, Yorikane R, Oda T, Iijima Y, Kumakura S, Morisawa Y. Cardiovascular pharmacology of RS-1893, an orally active cardiotonic agent with arterial and venous vasodilator actions. *Jpn J Pharmacol.* 1988 Jul;47(3):273-83. PubMed PMID: 2851676.

Miyake S, Shiga H, Koike H. Arterial and venous vasodilator actions of RS-1893, a novel cardiotonic agent, in the hindlimb preparation of the dog. *J Cardiovasc Pharmacol.* 1989 Oct;14(4):526-33. PubMed PMID: 2478765.

Miyake S, Shiga H, Sada T, Oizumi K, Koike H. Effects of RS-1893, a novel cardiotonic agent, on central and peripheral hemodynamics in anesthetized rats. *Jpn J Pharmacol.* 1989 Dec;51(4):577-80. PubMed PMID: 2615052.

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