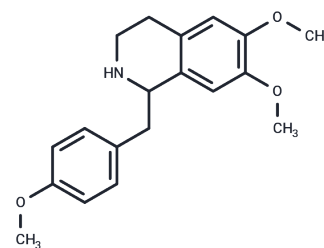


GS 389

Chemical Properties

CAS No. : 41498-37-7
Formula: C₁₉H₂₃NO₃
Molecular Weight: 313.39
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GS 389 is a novel tetrahydroisoquinoline analog with vasorelaxant properties. GS-389 significantly inhibited cGMP phosphodiesterase from the rabbit brain and increased cGMP levels in the rat aorta.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1909 mL	15.9546 mL	31.9091 mL
5 mM	0.6382 mL	3.1909 mL	6.3818 mL
10 mM	0.3191 mL	1.5955 mL	3.1909 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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

Chang KC, Chong WS, Lee IJ. Different pharmacological characteristics of structurally similar benzyloisoquinoline analogs, papaverine, higenamine, and GS 389, on isolated rat aorta and heart. Can J Physiol Pharmacol. 1994 Apr;

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