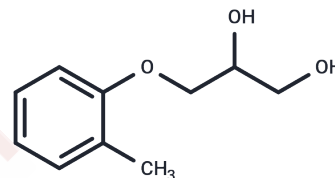


Mephenesin

Chemical Properties

CAS No. : 59-47-2
 Formula: C₁₀H₁₄O₃
 Molecular Weight: 182.22
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mephenesin (Cresoxydiol) is a centrally acting muscle relaxant with a short duration of action.
Targets(IC50)	NMDAR,iGluR

Solubility Information

Solubility	DMSO: 50 mg/mL (274.39 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4879 mL	27.4394 mL	54.8787 mL
5 mM	1.0976 mL	5.4879 mL	10.9757 mL
10 mM	0.5488 mL	2.7439 mL	5.4879 mL
50 mM	0.1098 mL	0.5488 mL	1.0976 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

Prescire Int. 2013 May;22(138):127-8.

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