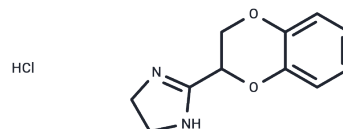


Idazoxan hydrochloride

Chemical Properties

CAS No. : 79944-56-2
Formula: C₁₁H₁₂N₂O₂·HCl
Molecular Weight: 240.69
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Idazoxan hydrochloride (RX 781094) is a benzodioxane-linked imidazole. It has alpha-2 adrenoceptor antagonist activity.
Targets(IC50)	Adrenergic Receptor, Imidazoline Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (207.74 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1547 mL	20.7736 mL	41.5472 mL
5 mM	0.8309 mL	4.1547 mL	8.3094 mL
10 mM	0.4155 mL	2.0774 mL	4.1547 mL
50 mM	0.0831 mL	0.4155 mL	0.8309 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

Bousquet P, et al. Ann N Y Acad Sci. 1999 Jun 21;881:272-8.

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