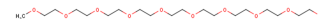


Indanidine

Chemical Properties

CAS No.:	85392-79-6
Formula:	C ₁₁ H ₁₃ N ₅
Molecular Weight:	215.25
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Indanidine is an alpha-adrenergic agonist.
Targets(IC ₅₀)	alpha-adrenergic: None
In vivo	The selective alpha 1-adrenoceptor agonist, Indanidine, also behaved as a partial agonist in the aorta and produced no significant contractions of the small mesenteric artery. Since Idazoxan and Indanidine have been reported to raise blood pressure in the pithed rat via an action at vascular alpha 1-adrenoceptors, these results call into question the reliability of the small mesenteric artery assay as a predictor for alpha 1-adrenoceptor-mediated pressor activity in vivo.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.646 mL	23.229 mL	46.458 mL
5 mM	0.929 mL	4.646 mL	9.292 mL
10 mM	0.465 mL	2.323 mL	4.646 mL
50 mM	0.093 mL	0.465 mL	0.929 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Van der Graaf PH, et al. Analysis of the action of idazoxan calls into question the reliability of the rat isolated small mesenteric artery assay as a predictor for alpha 1-adrenoceptor-mediated pressor activity. Naunyn Schmiedeberg's Arch Pharmacol. 1996 Aug-Sep;354(3):389-92.

Inhibitors · Natural Compounds · Compound Libraries

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