

Prazosin

Chemical Properties

CAS No.:	19216-56-9
Formula:	C ₁₉ H ₂₁ N ₅ O ₄
Molecular Weight:	383.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Prazosin, an α 1-blocker, acts as an inverse agonist at alpha-1 adrenergic receptors and is used to treat hypertension.
Targets(IC ₅₀)	α 1-adrenergic receptor: None

Solubility Information

Solubility	DMSO: 77 mg/ml (200.83 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.608 mL	13.041 mL	26.082 mL
5 mM	0.522 mL	2.608 mL	5.216 mL
10 mM	0.261 mL	1.304 mL	2.608 mL
50 mM	0.052 mL	0.261 mL	0.522 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. Mindi Zhao, et al. PLoS One. 2016, 11(10): e0164796.

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