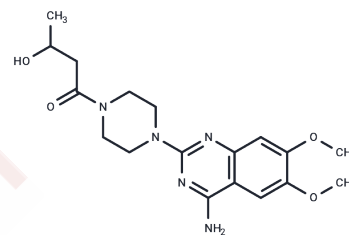


Neldazosin

Chemical Properties

CAS No. :	109713-79-3
Formula:	C ₁₈ H ₂₅ N ₅ O ₄
Molecular Weight:	375.42
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Neldazosin is used as a potent α ₁ -adrenoceptor antagonist.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 25 mg/mL (66.59 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	2.6637 mL	13.3184 mL	26.6368 mL
5 mM	0.5327 mL	2.6637 mL	5.3274 mL
10 mM	0.2664 mL	1.3318 mL	2.6637 mL
50 mM	0.0533 mL	0.2664 mL	0.5327 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Choi JI, et al. Time course for blood pressure lowering of alpha blockers. Cochrane Database of Systematic Reviews. 2012;9.
- Leache L, et al. Pharmacotherapy for hypertension-induced left ventricular hypertrophy. Cochrane Database Syst Rev. 2021;10(10):CD012039.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481