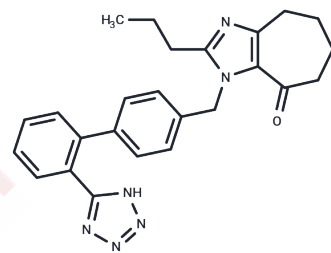


Pratosartan

Chemical Properties

CAS No. :	153804-05-8
Formula:	C ₂₅ H ₂₆ N ₆ O
Molecular Weight:	426.51
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	Pratosartan is a selective antagonist of angiotensin II receptor.
Targets(IC50)	RAAS
In vitro	Pratosartan is a new angiotensin II type 1 receptor blocker. Pratosartan is an effective and well-tolerated antihypertensive drug and may have a beneficial effect on hypertensive patients with some metabolic disorders. Pratosartan is an orally active angiotensin II (AII) antagonist, exhibiting selective, and potent antagonistic activity to the AT1 subtype [1][2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3446 mL	11.7231 mL	23.4461 mL
5 mM	0.4689 mL	2.3446 mL	4.6892 mL
10 mM	0.2345 mL	1.1723 mL	2.3446 mL
50 mM	0.0469 mL	0.2345 mL	0.4689 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

- Sonegawa M, et al. Synthesis and pharmacological activity of the metabolites of Pratosartan. Chem Pharm Bull (Tokyo). 2006 Jun;54(6):782-7.
- Ogihara T, et al. Clinical efficacy of a new angiotensin II type 1 receptor blocker, prazosartan, in hypertensive patients. Hypertens Res. 2008 Feb;31(2):281-7.

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