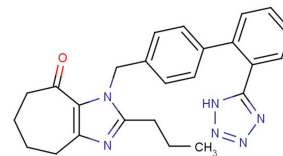


## Pratosartan

## Chemical Properties

CAS No.:	153804-05-8
Formula:	C <sub>25</sub> H <sub>26</sub> N <sub>6</sub> O
Molecular Weight:	426.51
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Pratosartan is a selective antagonist of angiotensin II receptor.
Targets(IC <sub>50</sub> )	angiotensin II receptor: None
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 (All) antagonist, exhibiting selective, and potent antagonistic activity to the AT1 subtype [1][2].

## 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	2.345 mL	11.723 mL	23.446 mL
5 mM	0.469 mL	2.345 mL	4.689 mL
10 mM	0.234 mL	1.172 mL	2.345 mL
50 mM	0.047 mL	0.234 mL	0.469 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. Sonegawa M, et al. Synthesis and pharmacological activity of the metabolites of Pratosartan. Chem Pharm Bull (Tokyo). 2006 Jun;54(6):782-7.
2. 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.

Inhibitors · Natural Compounds · Compound Libraries

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