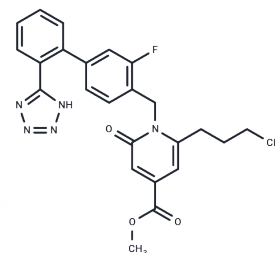


Embusartan

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 156001-18-2 |
| Formula: | C ₂₅ H ₂₄ FN ₅ O ₃ |
| Molecular Weight: | 461.49 |
| 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 | Embusartan (BAY 10-6734) is a potent, orally active angiotensin II receptor antagonist used as an antihypertensive agent. |
| Targets(IC50) | RAAS,Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1669 mL | 10.8345 mL | 21.6689 mL |
| 5 mM | 0.4334 mL | 2.1669 mL | 4.3338 mL |
| 10 mM | 0.2167 mL | 1.0834 mL | 2.1669 mL |
| 50 mM | 0.0433 mL | 0.2167 mL | 0.4334 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

- Wang JM, Tan J, Leenen FH. Central nervous system blockade by peripheral administration of AT1 receptor blockers. *J Cardiovasc Pharmacol.* 2003 Apr;41(4):593-9. PubMed PMID: 12658061.
- Balt JC, Mathy MJ, Pfaffendorf M, van Zwieten PA. Sympatho-inhibitory properties of various AT1 receptor antagonists. *J Hypertens Suppl.* 2002 Jun;20(5):S3-11. PubMed PMID: 12184061.
- Balt JC, Mathy MJ, Pfaffendorf M, van Zwieten PA. Inhibition of facilitation of sympathetic neurotransmission and angiotensin II-induced pressor effects in the pithed rat: comparison between valsartan, candesartan, eprosartan and embusartan. *J Hypertens.* 2001 Dec;19(12):2241-50. PubMed PMID: 11725169.
- Zhang J, Leenen FH. Peripheral administration of AT1 receptor blockers and pressor responses to central angiotensin II and sodium. *Can J Physiol Pharmacol.* 2001 Oct;79(10):861-7. Erratum in: *Can J Physiol Pharmacol* 2001 Dec;79(12):1045. PubMed PMID: 11697745.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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