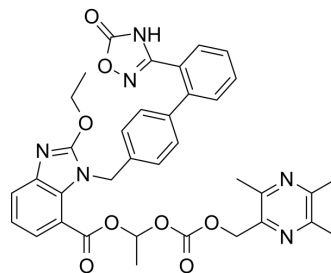


Azilsartan mepixetil

| | | |
|--------------------|---|----------------|
| Cat. No.: | HY-145552 | |
| CAS No.: | 1596357-16-2 | |
| Molecular Formula: | C ₃₆ H ₃₄ N ₆ O ₈ | |
| Molecular Weight: | 678.69 | |
| Target: | Angiotensin Receptor | |
| Pathway: | GPCR/G Protein | |
| Storage: | Powder | -20°C 3 years |
| | In solvent | -80°C 6 months |
| | | -20°C 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (294.69 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 1.4734 mL | 7.3671 mL | 14.7343 mL |
| | 5 mM | 0.2947 mL | 1.4734 mL | 2.9469 mL |
| | 10 mM | 0.1473 mL | 0.7367 mL | 1.4734 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Azilsartan mepixetil is the antagonist of angiotensin II receptor. Azilsartan mepixetil has stronger and longer blood pressure effect, more obvious and longer lasting heart rate lowering effect and high safety. Azilsartan mepixetil achieves ideal protective effect for heart and kidney functions. Azilsartan mepixetil has the potential for the research of hypertension, chronic heart failure and diabetic nephropathy (extracted from patent CN107400122A)^[1].

IC₅₀ & Target

angiotensin II receptor^[1]

REFERENCES

[1]. Ma, Jianyi, et al. Compound and preparation method thereof, composition and application. Patent CN107400122A.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA