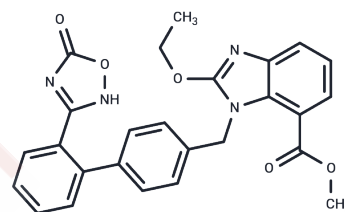


Azilsartan Methyl Ester

Chemical Properties

CAS No. :	147403-52-9
Formula:	C ₂₆ H ₂₂ N ₄ O ₅
Molecular Weight:	470.48
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	Azilsartan Methyl Ester is an angiotensin II receptor antagonist. Azilsartan Methyl Ester inhibits specific binding of [¹²⁵ I]Ang II (0.2 nM) to bovine adrenal cortex with IC ₅₀ value is 0.44 μM.
Targets(IC ₅₀)	RAAS

Solubility Information

Solubility	DMSO: 27.5 mg/mL (58.45 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	2.1255 mL	10.6274 mL	21.2549 mL
5 mM	0.4251 mL	2.1255 mL	4.251 mL
10 mM	0.2125 mL	1.0627 mL	2.1255 mL
50 mM	0.0425 mL	0.2125 mL	0.4251 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

Kohara Y, et al. Synthesis and angiotensin II receptor antagonistic activities of benzimidazole derivatives bearing acidic heterocycles as novel tetrazole bioisosteres. J Med Chem. 1996 Dec 20;39(26):5228-35.

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