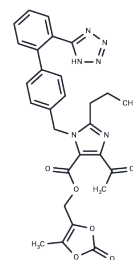


Olmesartan medoxomil impurity C

Chemical Properties

CAS No. :	879562-26-2
Formula:	C ₂₉ H ₂₈ N ₆ O ₅
Molecular Weight:	540.57
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	Olmesartan medoxomil impurity C is an impurity of Olmesartan medoxomil, a potent and selective angiotensin (AT1 receptor) inhibitor with an IC ₅₀ of 66.2 μM.
Targets(IC ₅₀)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8499 mL	9.2495 mL	18.499 mL
5 mM	0.370 mL	1.8499 mL	3.6998 mL
10 mM	0.185 mL	0.9249 mL	1.8499 mL
50 mM	0.037 mL	0.185 mL	0.370 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

- Senda A, et al. Effects of Angiotensin II Receptor Blockers on Metabolism of Arachidonic Acid via CYP2C8. Biol Pharm Bull. 2015;38(12):1975-9.
- Shah S, et al. Simultaneous Quantitative Analysis of Olmesartan Medoxomil and Amlodipine Besylate in Plasma by High-performance Liquid Chromatography Technique. J Young Pharm. 2012 Apr;4(2):88-94.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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