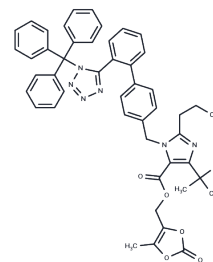


Tritylolmesartan Medoxomil

Chemical Properties

CAS No. :	144690-92-6
Formula:	C ₄₈ H ₄₄ N ₆ O ₆
Molecular Weight:	800.9
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	Tritylolmesartan medoxomil is an intermediate in the synthesis of olmesartan medoxomil, a prodrug form of the angiotensin II receptor 1 (AT1) antagonist olmesartan.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1 mg/mL (1.25 mM), Sonication is recommended. DMF: 1 mg/mL (1.25 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	1.2486 mL	6.243 mL	12.486 mL
5 mM	0.2497 mL	1.2486 mL	2.4972 mL
10 mM	0.1249 mL	0.6243 mL	1.2486 mL
50 mM	0.025 mL	0.1249 mL	0.2497 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

Hanumantha Rao, B., Subramanyeswara Rao, I.V., Ravi Kanth, V., et al. A competent and commercially viable process for the synthesis of the anti-hypertensive drug olmesartan medoxomil. *Sci. Pharm.* 83(3)465-478(2015)

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