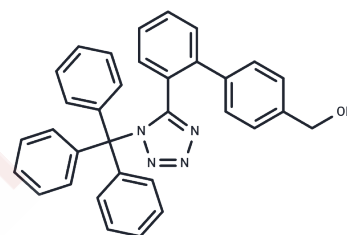


Olmesartan impurity

Chemical Properties

CAS No. :	154709-18-9
Formula:	C33H26N4O
Molecular Weight:	494.598
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 impurity, a compound related to Olmesartan, is an angiotensin II receptor (AT1R) antagonist utilized in the study of high blood pressure. Olmesartan (RNH-6270) is the parent compound with similar properties and functions as an AT1R antagonist.
Targets(IC50)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0218 mL	10.1092 mL	20.2184 mL
5 mM	0.4044 mL	2.0218 mL	4.0437 mL
10 mM	0.2022 mL	1.0109 mL	2.0218 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

- Yanagihara H, et al. Effects of telmisartan and olmesartan on insulin sensitivity and renal function in spontaneously hypertensive rats fed a high fat diet. J Pharmacol Sci. 2016 Jul;131(3):190-7.
- Tanno T, et al. Olmesartan Inhibits Cardiac Hypertrophy in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang(1-7)/Mas Axis and NADPH Oxidase Expression. J Cardiovasc Pharmacol. 2016 Jun;67(6):503-9.

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