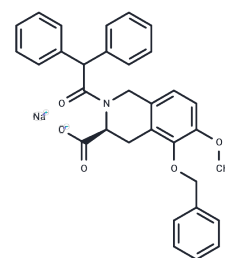


Olodanrigan sodium

Chemical Properties

CAS No. :	1316755-17-5
Formula:	C32H28NNaO5
Molecular Weight:	529.56
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	Olodanrigan sodium (EMA-401 sodium) is an orally active and selective angiotensin II type 2 receptor (AT2R) antagonist, which can be used in research on neurological diseases.
Targets(IC50)	RAAS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8884 mL	9.4418 mL	18.8836 mL
5 mM	0.3777 mL	1.8884 mL	3.7767 mL
10 mM	0.1888 mL	0.9442 mL	1.8884 mL
50 mM	0.0378 mL	0.1888 mL	0.3777 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

- Pulakat Lakshmi, et al. Angiotensin type 2 receptors: painful, or not?. *Frontiers in Pharmacology* 11 (2020): 571994.
- Koyama Suguru, et al. An electroencephalography bioassay for preclinical testing of analgesic efficacy. *Scientific reports* 8.1 (2018): 16402.
- Anand U, et al. Mechanisms underlying clinical efficacy of Angiotensin II type 2 receptor (AT2R) antagonist EMA401 in neuropathic pain: clinical tissue and in vitro studies. *Mol Pain*. 2015 Jun 26;11:38.
- Rice ASC, et al. EMA401, an orally administered highly selective angiotensin II type 2 receptor antagonist, as a novel treatment for postherpetic neuralgia: a randomised, double-blind, placebo-controlled phase 2 clinical trial. *Lancet*. 2014 May 10;383(9929):1637-1647.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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