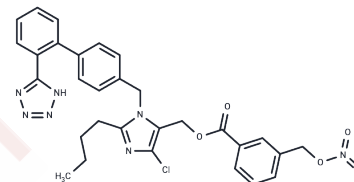


NO-Losartan A

Chemical Properties

CAS No. : 791122-48-0
 Formula: C₃₀H₂₈ClN₇O₅
 Molecular Weight: 602.04
 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	Angiotensin II is a hormone that plays an important role in regulating blood pressure. Elevated levels of angiotensin II are implicated in inducing and maintaining hypertension, and also in the development of atherosclerosis. Both of these effects are mediated by the angiotensin II type 1 (AT1) receptor. Losartan is a mammalian AT1 receptor antagonist with a K_i value of 5-20 nM. In humans, losartan effectively controls hypertension while protecting renal function. Nitric oxide (NO) causes vasodilation and also inhibits platelet and neutrophil aggregation in the endothelium. NO-losartan A possesses similar anti-hypertensive effects to losartan, with the addition of the vasodilating effects of NO release.
Targets(IC50)	RAAS,Others

Solubility Information

Solubility	DMF: 30 mg/mL (49.83 mM),Sonication is recommended. DMSO: 30 mg/mL (49.83 mM),Sonication is recommended. Ethanol: 30 mg/mL (49.83 mM),Sonication is recommended. Ethanol:PBS (pH7.2)(1:5): 0.5 mg/mL (0.83 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	1.661 mL	8.3051 mL	16.6102 mL
5 mM	0.3322 mL	1.661 mL	3.322 mL
10 mM	0.1661 mL	0.8305 mL	1.661 mL
50 mM	0.0332 mL	0.1661 mL	0.3322 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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