

Irbesartan-D4

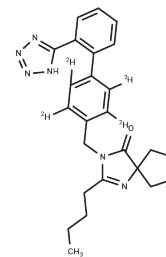
Chemical Properties

CAS No. : 1216883-23-6

Formula: C₂₅H₂₈N₆O

Molecular Weight: 432.55

Storage: Keep away from moisture, Keep away from direct sunlight
 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	Irbesartan-D4 is an angiotensin receptor blocker that is used in the study of cardiovascular disease.
Targets(IC50)	RAAS, Glutaminase

Solubility Information

Solubility	DMF: 15 mg/mL (34.68 mM), Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended. DMSO: 10 mg/mL (23.12 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	2.3119 mL	11.5594 mL	23.1187 mL
5 mM	0.4624 mL	2.3119 mL	4.6237 mL
10 mM	0.2312 mL	1.1559 mL	2.3119 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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

Burnier M. Angiotensin II type 1 receptor blockers. Circulation. 2001 Feb 13;103(6):904-12.

Shimamura T, et al. Hypotensive and prophylactic effects of angiotensin II subtype 1 receptor antagonist, irbesartan, in stroke-prone spontaneously hypertensive rats. Clin Exp Hypertens. 2004 Jan;26(1):27-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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