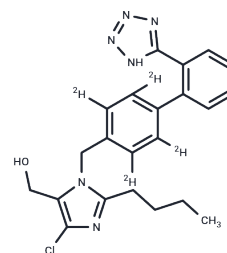


Losartan-D4

Chemical Properties

CAS No. :	1030937-27-9
Formula:	C ₂₂ H ₂₃ ClN ₆ O
Molecular Weight:	426.94
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	Losartan-D4 is a deuterated isotope of Losartan (T0215L) for isotopic tracing. Losartan (T0215L) is an angiotensin II receptor antagonist (IC ₅₀ =20 nM).
Targets(IC ₅₀)	RAAS
In vitro	Losartan D4 can serve as a tracer and also as an internal standard in NMR, GC-MS, or LC-MS analysis for quantitative purposes.

Solubility Information

Solubility	Ethanol: ≥ 32 mg/mL, Sonication is recommended. DMSO: ≥ 32 mg/mL, 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	2.3422 mL	11.7112 mL	23.4225 mL
5 mM	0.4684 mL	2.3422 mL	4.6845 mL
10 mM	0.2342 mL	1.1711 mL	2.3422 mL
50 mM	0.0468 mL	0.2342 mL	0.4684 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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