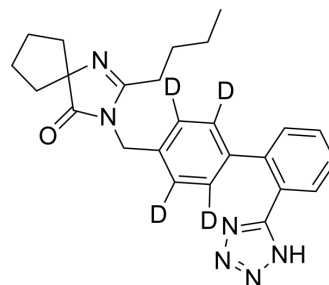


Irbesartan-d₄

Cat. No.:	HY-B0202S		
CAS No.:	1216883-23-6		
Molecular Formula:	C ₂₅ H ₂₄ D ₄ N ₆ O		
Molecular Weight:	432.55		
Target:	Angiotensin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (231.19 mM; Need ultrasonic and warming)

DMF : ≥ 20 mg/mL (46.24 mM)

DMSO : ≥ 14 mg/mL (32.37 mM)

Ethanol : ≥ 0.5 mg/mL (1.16 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Irbesartan-d₄ is the deuterium labeled Irbesartan, which is a highly potent and specific angiotensin II type 1 (AT₁) receptor antagonist.

Caution: Product has not been fully validated for medical applications. For research use only.

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