

## Candesartan-D4

## Chemical Properties

CAS No. : 1346604-70-3

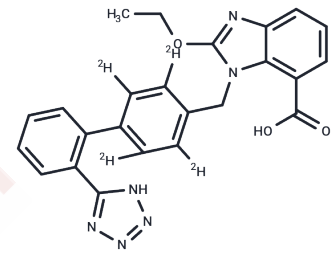
Formula: C<sub>24</sub>H<sub>20</sub>N<sub>6</sub>O<sub>3</sub>

Molecular Weight: 444.479

Keep away from moisture

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	Candesartan-D4 is the deuterated form of Candesartan (TSM-3481). It is an orally active Angiotensin II AT1 receptor blocker and PPAR-γ agonist with long-lasting antihypertensive effects, used as an internal standard in PK studies.
Targets(IC50)	RAAS,PPAR

## Solubility Information

Solubility	DMSO: 24.00 mg/mL (54.00 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	2.2498 mL	11.2491 mL	22.4982 mL
5 mM	0.450 mL	2.2498 mL	4.4996 mL
10 mM	0.225 mL	1.1249 mL	2.2498 mL
50 mM	0.045 mL	0.225 mL	0.450 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

Agirregoitia E, Carracedo A, Subirán N, et al. The CB2 cannabinoid receptor regulates human sperm cell motility[J]. Fertility and sterility, 2010, 93(5): 1378-1387.

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