

Product Data Sheet

Product Name: Candesartan-d5

Cat. No.: GC71621

Chemical Properties

Cas. No. 1189650-58-5

Formula $C_{24}H_{15}D_5N_6O_3$ M.Wt 445.48

Solubility DMSO : 100 mg/mL (224.48 mM; Storage
Need ultrasonic and warming;
Hygroscopic DMSO has a significant
impact on the solubility of product,
please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

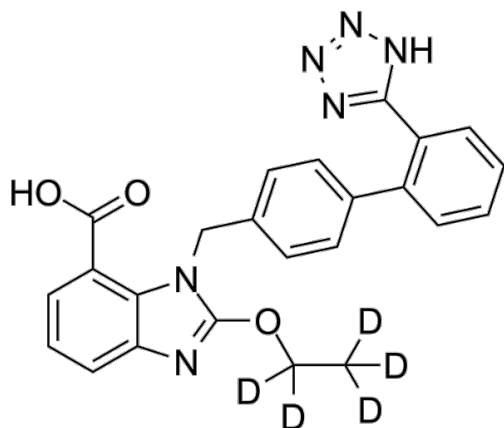
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Candesartan-d5 is the deuterium labeled Candesartan. Candesartan is an angiotensin II receptor antagonist with IC50 of 0.26 nM.

Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs^[1].

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