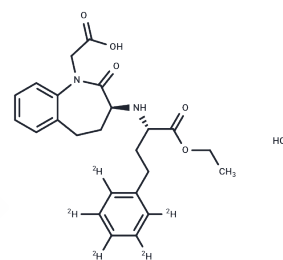


## Benazepril-D5 hydrochloride

## Chemical Properties

CAS No. :	1279026-26-4
Formula:	C <sub>24</sub> H <sub>24</sub> D <sub>5</sub> ClN <sub>2</sub> O <sub>5</sub>
Molecular Weight:	465.98
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	Benazepril-D5 hydrochloride is a deuterated compound of Benazepril hydrochloride. Benazepril hydrochloride has a CAS number of 86541-74-4. Benazepril is an angiotensin-converting enzyme (ACE) inhibitor widely used in the therapy of hypertension. Benazepril is associated with a low rate of transient serum aminotransferase elevations and has been linked to rare instances of acute liver injury.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Akt, Angiotensin-converting Enzyme (ACE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.146 mL	10.7301 mL	21.4601 mL
5 mM	0.4292 mL	2.146 mL	4.292 mL
10 mM	0.2146 mL	1.073 mL	2.146 mL
50 mM	0.0429 mL	0.2146 mL	0.4292 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.

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