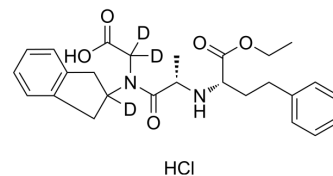


## Delapril-d<sub>3</sub> hydrochloride

<b>Cat. No.:</b>	HY-107337S
<b>CAS No.:</b>	2714473-25-1
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>30</sub> D <sub>3</sub> ClN <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	492.02
<b>Target:</b>	Angiotensin-converting Enzyme (ACE); Isotope-Labeled Compounds
<b>Pathway:</b>	Metabolic Enzyme/Protease; Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Delapril-d <sub>3</sub> (hydrochloride) is the deuterium labeled Delapril hydrochloride. Delapril hydrochloride is an angiotensin-converting enzyme (ACE) inhibitor for the treatment of cardiovascular diseases[1].
<b>In Vitro</b>	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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;53(2):211-216.
- [2]. Razzetti R, et al. Pharmacokinetic and pharmacologic properties of delapril, a lipophilic nonsulfhydryl angiotensin-converting enzyme inhibitor. *Am J Cardiol*. 1995 Jun 16;75(18):7F-12F.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA