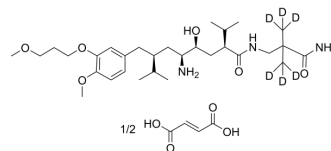


## Aliskiren-d<sub>6</sub> hemifumarate

Cat. No.:	HY-12177S
Molecular Formula:	C <sub>32</sub> H <sub>49</sub> D <sub>6</sub> N <sub>3</sub> O <sub>8</sub>
Molecular Weight:	615.83
Target:	Renin; Autophagy; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Autophagy; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Aliskiren-d <sub>6</sub> (hemifumarate) is a deuterium labeled Aliskiren hemifumarate. Aliskiren hemifumarate is a direct and orally active renin inhibitor with an IC <sub>50</sub> of 1.5 nM[1][2].
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.5 nM (renin)[1]

### REFERENCES

- [1]. Yuji Nakamura, et al. Discovery of DS-8108b, a Novel Orally Bioavailable Renin Inhibitor. ACS Med. Chem. Lett., 2012, 3 (9), pp 754-758.
- [2]. Buczko W, et al. Pharmacokinetics and pharmacodynamics of aliskiren, an oral direct renin inhibitor. Pharmacol Rep. 2008 Sep-Oct;60(5):623-31.

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

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