

## Aliskiren D6 hemifumarate

## Chemical Properties

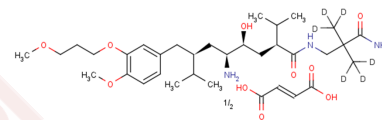
CAS No. :

Formula: C32H49D6N3O8

Molecular Weight: 615.83

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	Aliskiren-D6 hemifumarate is a deuterium-labeled Aliskiren hemifumarate. Aliskiren hemifumarate (T1520) is a direct and orally active renin inhibitor (IC50: 1.5 nM).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6238 mL	8.1191 mL	16.2382 mL
5 mM	0.3248 mL	1.6238 mL	3.2476 mL
10 mM	0.1624 mL	0.8119 mL	1.6238 mL
50 mM	0.0325 mL	0.1624 mL	0.3248 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

Yuji Nakamura, et al. Discovery of DS-8108b, a Novel Orally Bioavailable Renin Inhibitor. ACS Med. Chem. Lett., 2012, 3 (9), pp 754-758.

Buczko W, et al. Pharmacokinetics and pharmacodynamics of aliskiren, an oral direct renin inhibitor. Pharmacol Rep. 2008 Sep-Oct;60(5):623-31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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