Creative Enzymes®

Aliskiren hemifumarate

Cat. No. CEI-0352

Lot. No. (See product label)

Introduction

Description	Aliskiren hemifumarate is a direct renin inhibitor with IC50 of 1.5 nM. Aliskiren hemifumarate can bind to both the hydrophobic S1/S3-binding pocket and to a large, distinct subpocket that extends from the S3-binding site towards the hydrophobic core of renin. Oral bioavailability of Aliskiren hemifumarate is 2.4% in rats, 16% in marmosets and about 2.5% in humans.

Product Information

CAS No.	173334-58-2
Molecular Formula	C30H53N3O6.1/2C4H4O4
Chemical Name	(2S,4S,5S,7S)-7-(4-methoxy-3-(3-methoxypropoxy)benzyl)-5-amino-N-(3-amino-2,2-dimethyl-3-oxopropyl)-4-hydroxy-2-isopropyl-8-methylnonanamide hemifumarate
Molecular Weight	609.83
Purity	>99%
Targets	renin
Solubility	DMSO 122 mg/mL, Water 122 mg/mL, Ethanol 122 mg/mL

Storage and Shipping Information

Storage	2 years at -20centigrade Powder