

Aliskiren (hemifumarate)

Catalog No: tcsc0729



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

173334-58-2

Formula:

$C_{64}H_{110}N_6O_{16}$

Pathway:

Metabolic Enzyme/Protease;Autophagy

Target:

Renin;Autophagy

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 50 mg/mL (41.00 mM)

Alternative Names:

CGP 60536;CGP60536B;SPP 100

Observed Molecular Weight:

1219.59

Product Description

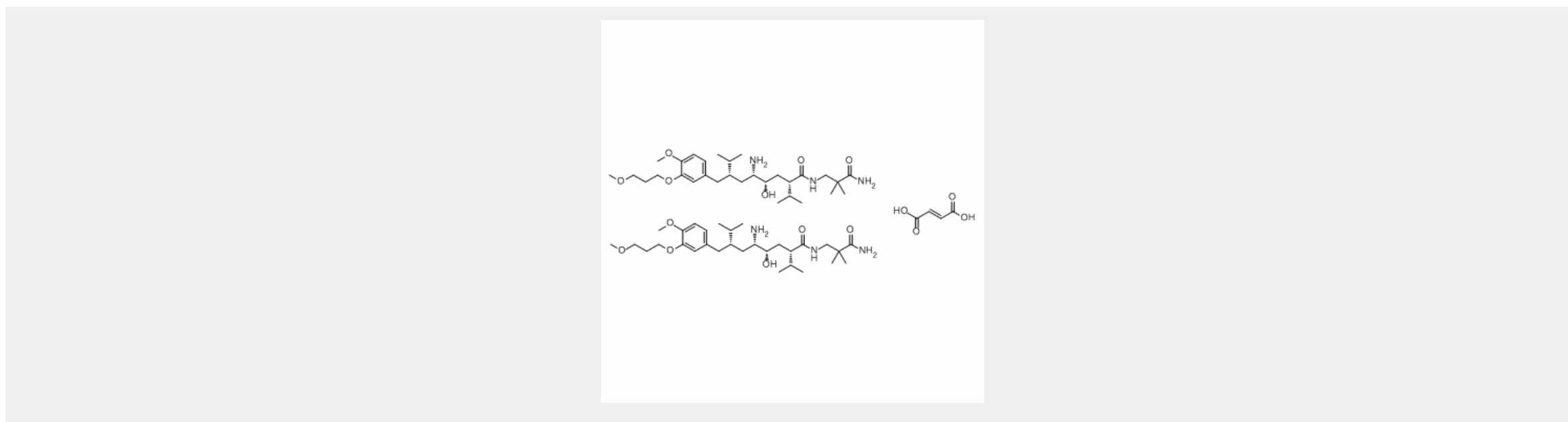
Aliskiren hemifumarate (CGP 60536) is a direct renin inhibitor with IC₅₀ of 1.5 nM.

IC₅₀ value: 1.5 nM [1]

Target: renin

in vitro: Aliskiren hemifumarate appears to 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 [2].

in vivo: Aliskiren hemifumarate (



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