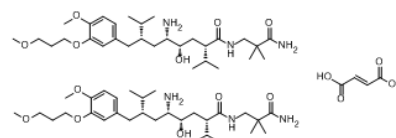


Product Name : Aliskiren hemifumarate
Cat. No. : PC-42906
CAS No. : 173334-58-2
Molecular Formula : C₆₄H₁₁₀N₆O₁₆
Molecular Weight : 1219.589
Target : Renin
Solubility : 10 mM in DMSO



Biological Activity

Aliskiren (CGP60536B) hemifumarate is a first-in-class, potent and highly selective, direct **renin** inhibitor with IC₅₀ of 0.6 nM. Aliskiren shows no significant inhibition on Cathepsin D, Cathepsin E, Pepsin and HIV-1 peptidase (> 50 μM); orally bioactive.

References

Wood JM, et al. Biochem Biophys Res Commun. 2003 Sep 5;308(4):698-705.

Desjarlais M, et al. Atherosclerosis. 2015 Oct;242(2):450-60.

Jumar A, et al. J Hypertens. 2015 Dec;33(12):2491-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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