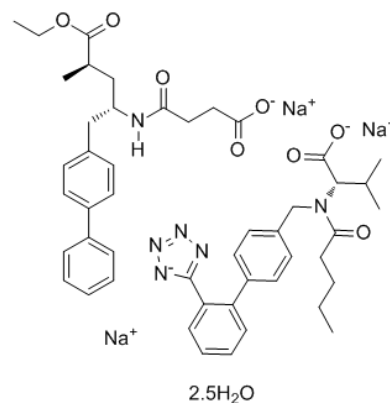


Product Name : LCZ-696
Cat. No. : PC-45432
CAS No. : 936623-90-4
Molecular Formula : C₄₈H₆₀N₆Na₃O_{10.5}
Molecular Weight : 957.99
Target : Neprilysin
Solubility : 10 mM in DMSO



Biological Activity

Sacubitril/Valsartan (LCZ696) is a novel single molecule comprising molecular moieties of valsartan and **NEP** inhibitor prodrug AHU377 (1:1 ratio).

Sacubitril/Valsartan (LCZ696) causes dose-dependent increases in atrial natriuretic peptide immunoreactivity (due to NEP inhibition) in Sprague-Dawley rats.

Sacubitril/Valsartan (LCZ696) provides sustained, dose-dependent blood pressure reductions in hypertensive double-transgenic rats; orally active.

References

Gu J, et al. *J Clin Pharmacol*. 2010 Apr;50(4):401-14.

von Lueder TG, et al. *Circ Heart Fail*. 2015 Jan;8(1):71-8.

McMurray J, et al. *Eur Heart J*. 2015 Feb 14;36(7):434-9.

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

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