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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

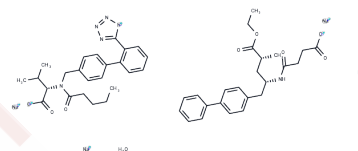
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Sacubitril/Valsartan

Chemical Properties

CAS No. :	936623-90-4
Formula:	C ₄₈ H ₅₅ N ₆ O ₈ Na ₃ ·2.5H ₂ O
Molecular Weight:	957.99
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sacubitril/Valsartan (LCZ696) is an orally bioavailable, dual angiotensin II receptor and neprilysin inhibitor for the treatment of hypertension and heart failure.
Targets(IC50)	Apoptosis,RAAS,Neprilysin
In vitro	LCZ696 is a single molecule that is comprised of molecular moieties of valsartan, an ARB, and AHU377, a neprilysin inhibitor (1:1 ratio)[1].

Solubility Information

Solubility	Ethanol: 9 mg/mL (9.82 mM),Heating is recommended. H ₂ O: 92 mg/mL (100.4 mM), DMSO: 45.45 mg/mL (47.45 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0439 mL	5.2193 mL	10.4385 mL
5 mM	0.2088 mL	1.0439 mL	2.0877 mL
10 mM	0.1044 mL	0.5219 mL	1.0439 mL
50 mM	0.0209 mL	0.1044 mL	0.2088 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.

Reference

Huo H, et al. Erastin Disrupts Mitochondrial Permeability Transition Pore (mPTP) and Induces Apoptotic Death of Colorectal Cancer Cells. PLoS One. 2016 May 12;11(5):e20154605.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481