

---

**Product Data Sheet**

---

Product Name: (Z)2S,4R-Sacubitril

Cat. No.: GC34202

**Chemical Properties**

Cas. No.

SMILES [H]N(C/C=C\C(O)=O)=O)[C@H](CC(C=C1)=CC=C1C2=CC=CC=C2)C[C@@H](C)C(OCC)=OFormula  $C_{24}H_{27}NO_5$  M.Wt 409.47

Solubility DMSO : 100 mg/mL (244.22 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(Z)2S,4R-Sacubitril is the impurity of Sacubitril. Sacubitril is approved by the Food and Drug Administration for use in combination with valsartan for the treatment of patients with heart failure.

[1]. Shi J, et al. Sacubitril Is Selectively Activated by Carboxylesterase 1 (CES1) in the Liver and the Activation Is Affected by CES1 Genetic Variation. Drug Metab Dispos. 2016 Apr;44(4):554-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA