



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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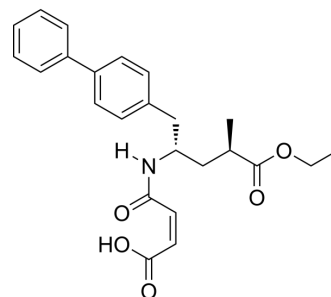
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## (Z)2S,4R-Sacubitril

<b>Cat. No.:</b>	HY-Z0075		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>27</sub> NO <sub>5</sub>		
<b>Molecular Weight:</b>	409.47		
<b>Target:</b>	Drug Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (244.22 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.4422 mL	12.2109 mL	24.4218 mL	
5 mM	0.4884 mL	2.4422 mL	4.8844 mL	
10 mM	0.2442 mL	1.2211 mL	2.4422 mL	

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(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.

### REFERENCES

[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.**

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