



# 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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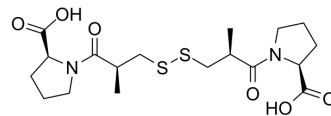
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## Captopril disulfide

Cat. No.:	HY-123068
CAS No.:	64806-05-9
Molecular Formula:	C <sub>18</sub> H <sub>28</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
Molecular Weight:	432.55
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 116.67 mg/mL (269.73 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3119 mL	11.5594 mL	23.1187 mL
	5 mM	0.4624 mL	2.3119 mL	4.6237 mL
	10 mM	0.2312 mL	1.1559 mL	2.3119 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Captopril disulfide is a metabolite of Captopril with antihypertensive activity<sup>[1]</sup>.

### REFERENCES

[1]. Drummer OH, Kourtis S. Bradykinin-potentiating activity of captopril disulphide dimer (SQ 14,551). Eur J Pharmacol. 1988 Aug 9;153(1):11-7.

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

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