



# 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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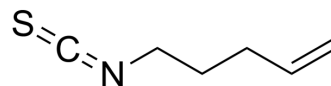
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## 4-Pentenyl isothiocyanate

Cat. No.:	HY-W269799
CAS No.:	18060-79-2
Molecular Formula:	C <sub>6</sub> H <sub>9</sub> NS
Molecular Weight:	127.21
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (786.10 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	7.8610 mL	39.3051 mL	78.6102 mL
	5 mM	1.5722 mL	7.8610 mL	15.7220 mL
	10 mM	0.7861 mL	3.9305 mL	7.8610 mL

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

### BIOLOGICAL ACTIVITY

#### Description

4-Pentenyl isothiocyanate is a isothiocyanates isolated from aerial parts of *Aurinia sinuata*<sup>[1]</sup>.

### REFERENCES

[1]. Blažević I, et al. Glucosinolates, glycosidically bound volatiles and antimicrobial activity of *Aurinia sinuata* (Brassicaceae) [J]. Food Chemistry, 2010, 121(4): 1020-1028.

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

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