



# 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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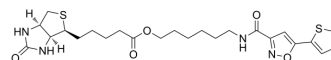
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## Biotinylated isoxazole

Cat. No.:	HY-W750960		
CAS No.:	1377605-22-5		
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>4</sub> O <sub>5</sub> S <sub>2</sub>		
Molecular Weight:	520.66		
Target:	Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 41.67 mg/mL (80.03 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9206 mL	9.6032 mL	19.2064 mL
	5 mM	0.3841 mL	1.9206 mL	3.8413 mL
	10 mM	0.1921 mL	0.9603 mL	1.9206 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Biotinylated isoxazole is a biotinylated derivative of Isoxazole (HY-W010649). Biotinylated isoxazole is capable of triggering the formation of aggregates related to RNA granules<sup>[1]</sup>.

### REFERENCES

[1]. Kato M, et al. Cell-free formation of RNA granules: low complexity sequence domains form dynamic fibers within hydrogels. Cell. 2012 May 11;149(4):753-67.

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

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