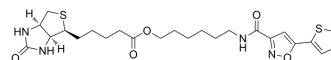


Biotinylated isoxazole

Cat. No.:	HY-W750960		
CAS No.:	1377605-22-5		
Molecular Formula:	C ₂₄ H ₃₂ N ₄ O ₅ S ₂		
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^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA