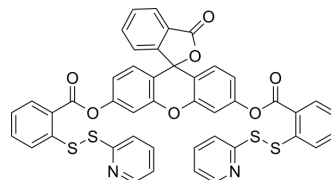


WSP-5

Cat. No.:	HY-129420
CAS No.:	1593024-78-2
Molecular Formula:	C ₄₄ H ₂₆ N ₂ O ₇ S ₄
Molecular Weight:	822.95
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (12.15 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		1.2151 mL	6.0757 mL	12.1514 mL
	5 mM		0.2430 mL	1.2151 mL	2.4303 mL
	10 mM		0.1215 mL	0.6076 mL	1.2151 mL

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

BIOLOGICAL ACTIVITY

Description

WSP-5 is a fluorescent probe for fast detection of H₂S in biological samples and cells. WSP-5 selectively and rapidly reacts with H₂S and exhibits fluorescence through a reaction-based fluorescent turn-on strategy.

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

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