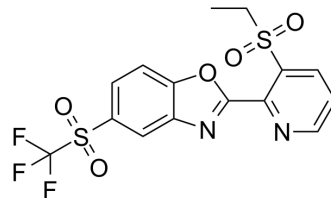


## Oxazosulfyl

Cat. No.:	HY-136330		
CAS No.:	1616678-32-0		
Molecular Formula:	C <sub>15</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub> S <sub>2</sub>		
Molecular Weight:	420.38		
Target:	Bacterial		
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 : 100 mg/mL (237.88 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.3788 mL	11.8940 mL	23.7880 mL
				5 mM	0.4758 mL	2.3788 mL	4.7576 mL
10 mM				0.2379 mL	1.1894 mL	2.3788 mL	
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.95 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.95 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.95 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Oxazosulfyl is a potent agricultural fungicide. Oxazosulfyl can be used as an insecticide against major rice pests <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : bacterial <sup>[1]</sup>

### REFERENCES

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

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