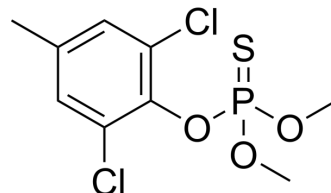


## Tolclofos-methyl

<b>Cat. No.:</b>	HY-B2053		
<b>CAS No.:</b>	57018-04-9		
<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>11</sub> Cl <sub>2</sub> O <sub>3</sub> PS		
<b>Molecular Weight:</b>	301.13		
<b>Target:</b>	Bacterial		
<b>Pathway:</b>	Anti-infection		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 36 mg/mL (119.55 mM)  
 \* "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
<b>1 mM</b>	3.3208 mL	16.6041 mL	33.2082 mL
<b>5 mM</b>	0.6642 mL	3.3208 mL	6.6416 mL
<b>10 mM</b>	0.3321 mL	1.6604 mL	3.3208 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Tolclofos-methyl is a broad-spectrum aromatic hydrocarbon fungicide that is used as a see treatment for protection against soil-borne and seed borne fungal pathogens that caused seed decay and seedling blights.

### REFERENCES

- [1]. Halwachs S, et al. Assessment of ABCG2-mediated transport of pesticides across the rabbit placenta barrier using a novel MDCKII in vitro model. Toxicol Appl Pharmacol. 2016 Aug 15;305:66-74.
- [2]. Manabe M, et al. Evaluation of the estrogenic activities of some pesticides and their combinations using MTT/Se cell proliferation assay. Int J Hyg Environ Health. 2006 Sep;209(5):413-21.

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

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