



# 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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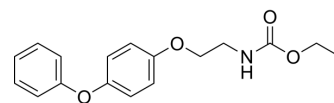
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## Fenoxycarb

Cat. No.:	HY-122062		
CAS No.:	72490-01-8		
Molecular Formula:	C <sub>17</sub> H <sub>19</sub> NO <sub>4</sub>		
Molecular Weight:	301.34		
Target:	Others		
Pathway:	Others		
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 : 8.33 mg/mL (27.64 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.3185 mL	16.5926 mL	33.1851 mL
5 mM	0.6637 mL	3.3185 mL	6.6370 mL
10 mM	0.3319 mL	1.6593 mL	3.3185 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Fenoxycarb, a juvenile hormone, is an insecticide and can be used for agricultural pest control<sup>[1]</sup>.

#### In Vitro

Fenoxycarb shows high toxicity against third-instar larvae of *P. xylostella*, with the estimated LC<sub>50</sub> of 93.92 µg/mL after 96 h<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Mahmoudvand M, et al. Sublethal Effects of Fenoxycarb on the *Plutella xylostella* (Lepidoptera: Plutellidae). *J Insect Sci.* 2015 Jul 1;15(1):82.

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

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