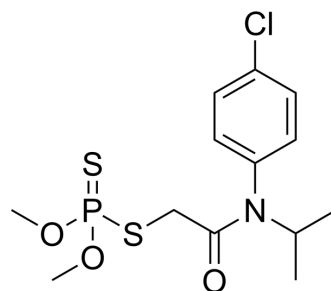


## Anilofos

Cat. No.:	HY-B2016		
CAS No.:	64249-01-0		
Molecular Formula:	C <sub>13</sub> H <sub>19</sub> ClNO <sub>3</sub> PS <sub>2</sub>		
Molecular Weight:	367.85		
Target:	Herbicide		
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 : 125 mg/mL (339.81 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.7185 mL	13.5925 mL	27.1850 mL	
5 mM	0.5437 mL	2.7185 mL	5.4370 mL	
10 mM	0.2718 mL	1.3592 mL	2.7185 mL	

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

### BIOLOGICAL ACTIVITY

#### Description

Anilofos is a pre-emergence, organophosphorus herbicide. Anilofos has moderate toxic potential in mammals<sup>[1]</sup>.

### REFERENCES

[1]. A Hazarika, et al. Subacute Toxicity of Anilofos, a New Organophosphorus Herbicide, in Male Rats: Effect on Some Physical Attributes and Acetylcholinesterase Activity. Indian J Exp Biol. 2001 Nov;39(11):1107-12.

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

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