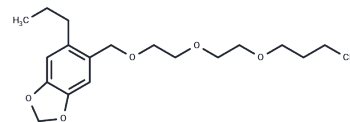


Piperonyl butoxide

Chemical Properties

CAS No. :	51-03-6
Formula:	C ₁₉ H ₃₀ O ₅
Molecular Weight:	338.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Piperonyl butoxide (Pyrenone 606) is an insecticide synergist, particularly for rotenone and pyrethroids.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	DMSO: 50 mg/mL (147.74 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9547 mL	14.7737 mL	29.5473 mL
5 mM	0.5909 mL	2.9547 mL	5.9095 mL
10 mM	0.2955 mL	1.4774 mL	2.9547 mL
50 mM	0.0591 mL	0.2955 mL	0.5909 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Casida, J. E. J Agric Food Chem. 1970 Sep-Oct;18(5):753-72.

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