

Isopiperine

Chemical Properties

CAS No. :	30511-76-3
Formula:	C17H19NO3
Molecular Weight:	285.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Isopiperine is a geometric isomer of Piperine. It can be extracted from pepper and exhibits antifeedant activity against <i>S. litura</i> , with an ED50 value of 0.058 ($\mu\text{mol}/\text{cm}^2$).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5046 mL	17.523 mL	35.0459 mL
5 mM	0.7009 mL	3.5046 mL	7.0092 mL
10 mM	0.3505 mL	1.7523 mL	3.5046 mL
50 mM	0.0701 mL	0.3505 mL	0.7009 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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