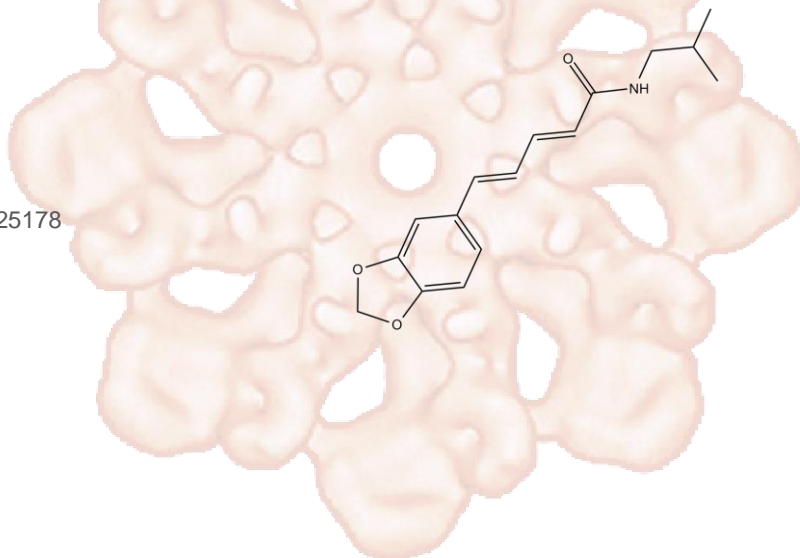


Product Data Sheet

Piperlonguminine

Cat. No.:	C3508
CAS No.:	5950-12-9
Formula:	C ₁₆ H ₁₉ NO ₃
M.Wt:	273.3
Synonyms:	N-Isobutylpiperamide NSC 125178
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≤3mg/ml in ethanol;20mg/ml in DMSO;20mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.6590 mL	18.2949 mL	36.5898 mL
	5 mM		0.7318 mL	3.6590 mL	7.3180 mL
	10 mM		0.3659 mL	1.8295 mL	3.6590 mL

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

Biological Activity

Shortsummary

antifungal, anticancer, antihyperlipidemic, and anti-inflammatory properties.

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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