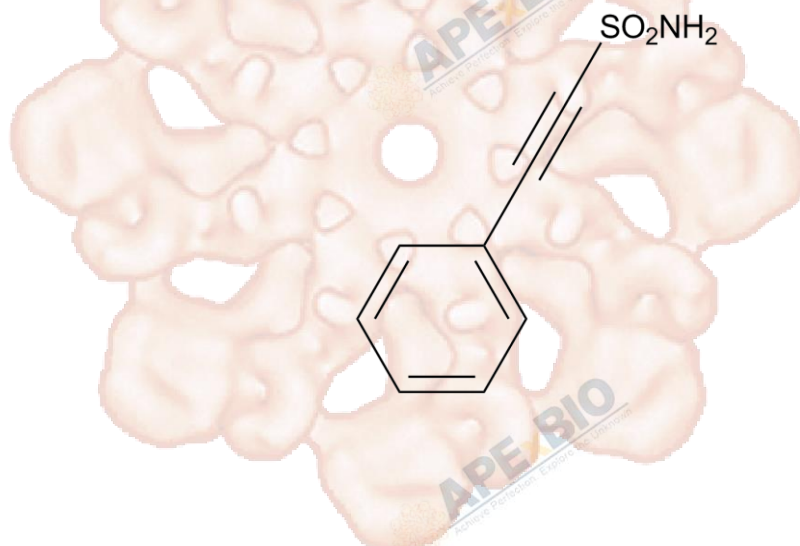


Product Data Sheet

Pifithrin-μ

Cat. No.: A4482
CAS No.: 64984-31-2
Formula: C₈H₇NO₂S
M.Wt: 181.21
Synonyms: NSC 303580
Target: Apoptosis
Pathway: p53
Storage: Store at 4°C



Solvent & Solubility

insoluble in H₂O; ≥18.1 mg/mL in DMSO; ≥93.8 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	5.5185 mL	27.5923 mL	55.1846 mL
		5 mM	1.1037 mL	5.5185 mL	11.0369 mL
		10 mM	0.5518 mL	2.7592 mL	5.5185 mL

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

Biological Activity

Shortsummary

Inhibitor of p53 binding and anti-apoptotic

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Shan LP, Chen XH, et al. "Targeting Heat Shock Protein 70 as an antiviral strategy against grass carp reovirus infection." Virus Res. 2018 Mar2;247:1-9.PMID:29355582

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 APExBIO 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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