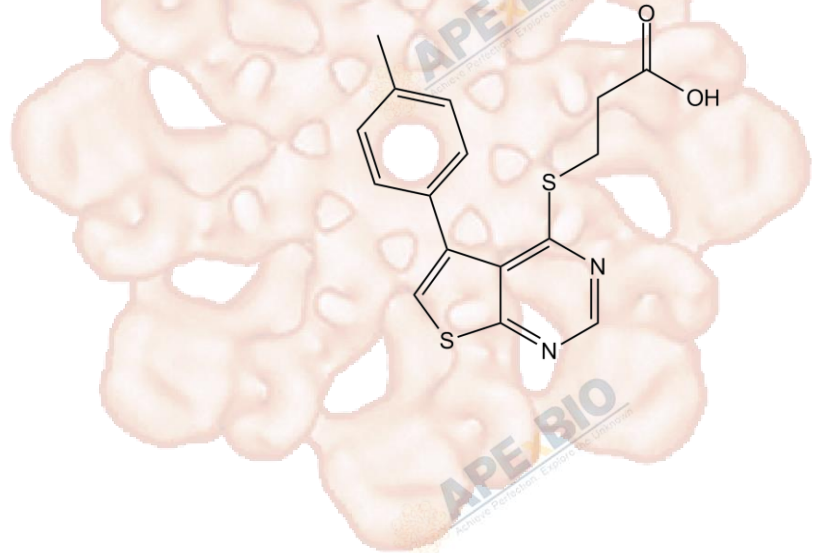


Product Data Sheet

TTP 22

Cat. No.:	A3894
CAS No.:	329907-28-0
Formula:	C ₁₆ H ₁₄ N ₂ O ₂ S ₂
M.Wt:	330.42
Synonyms:	TTP22;TTP-22
Target:	PI3K/Akt/mTOR Signaling
Pathway:	CK2
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥16.5 mg/mL in DMSO; ≥7.85 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.0265 mL	15.1323 mL	30.2645 mL
	5 mM	0.6053 mL	3.0265 mL	6.0529 mL
	10 mM	0.3026 mL	1.5132 mL	3.0265 mL

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

Biological Activity

Shortsummary

CK2 inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Zhao Z, Wang L, et al. "Regulation of MLL/COMPASS stability through its proteolytic cleavage by taspase1 as a possible approach for clinical therapy of leukemia." Genes Dev. 2019 Jan1;33(1-2):61-74.PMID:30573454

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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