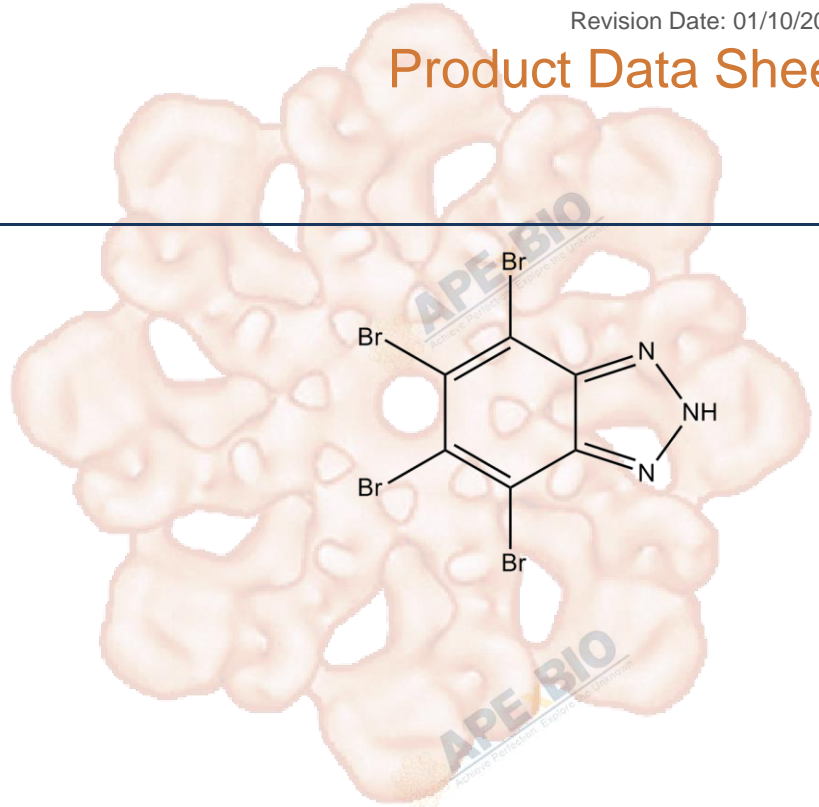


Product Data Sheet

TBB

Cat. No.:	A3861
CAS No.:	17374-26-4
Formula:	C ₆ HBr ₄ N ₃
M.Wt:	434.71
Synonyms:	NSC 231634; TBB (enzyme inhibitor); 1H-Benzotriazole, 4,5,6,7-tetrabromo-
Target:	PI3K/Akt/mTOR Signaling
Pathway:	CK2
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥159.2 mg/mL in DMSO; ≥10.42 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.3004 mL	11.5019 mL	23.0038 mL
	5 mM	0.4601 mL	2.3004 mL	4.6008 mL
	10 mM	0.2300 mL	1.1502 mL	2.3004 mL

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

Biological Activity

Shortsummary

Casein kinase-2 (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 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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