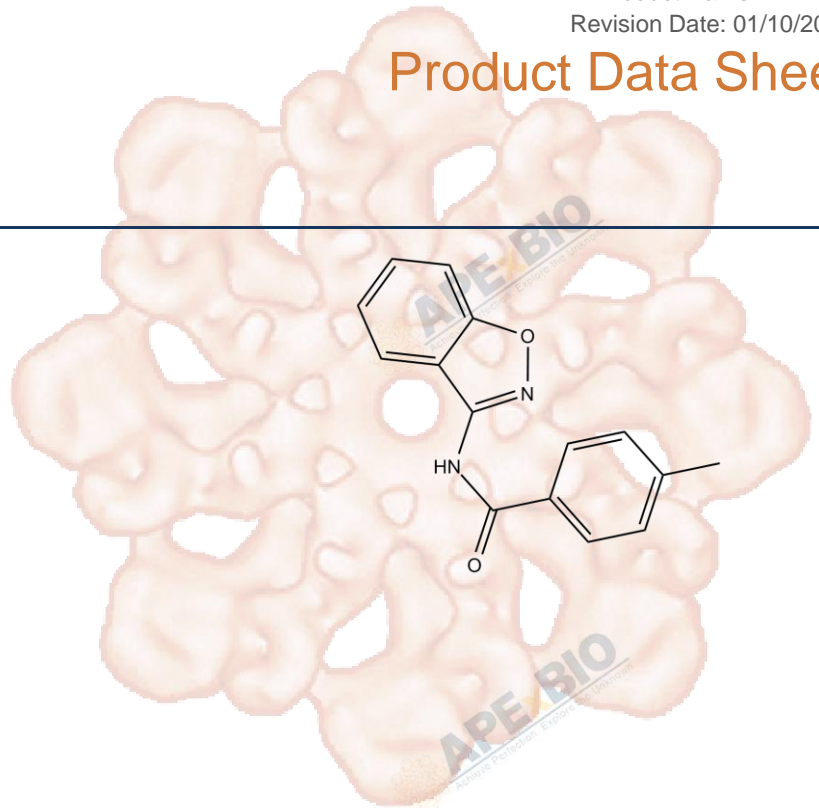


Product Data Sheet

BAMB-4

Cat. No.:	B4715
CAS No.:	891025-25-5
Formula:	C ₁₅ H ₁₂ N ₂ O ₂
M.Wt:	252.27
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥7.8 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		3.9640 mL	19.8200 mL	39.6401 mL
	5 mM		0.7928 mL	3.9640 mL	7.9280 mL
	10 mM		0.3964 mL	1.9820 mL	3.9640 mL

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

Biological Activity

Shortsummary Inositol-1,4,5-trisphosphate-3-kinase A (ITPKA) inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Pan C, Jin L, et al. "Inositol-triphosphate 3-kinase B confers cisplatin resistance by regulating NOX4-dependent redox balance." J Clin Invest. 2019 May 13;129(6):2431-2445.PMID:31081803

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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

