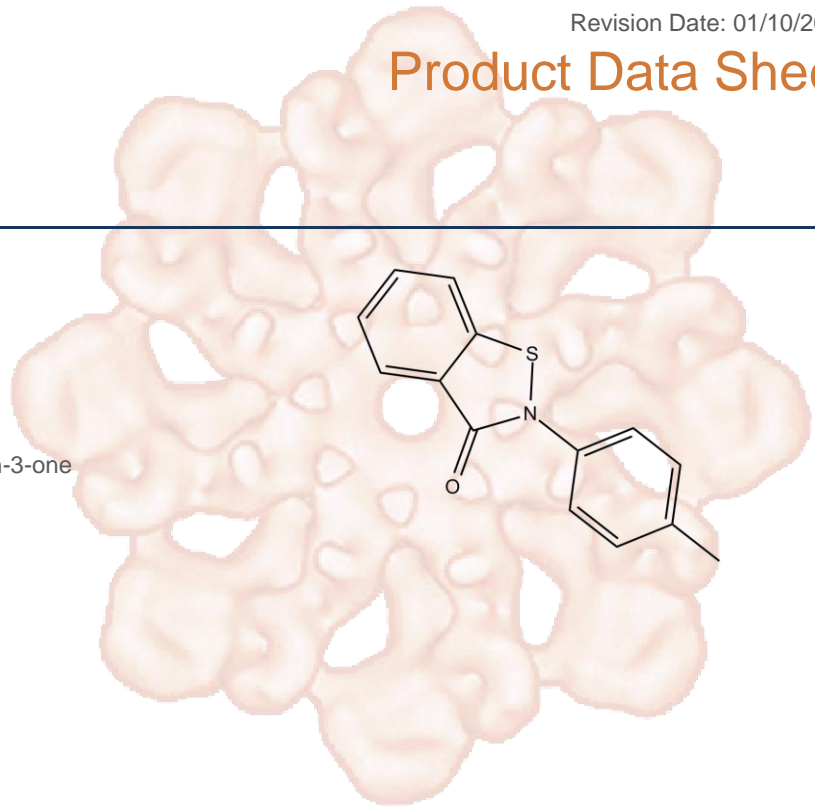


Product Data Sheet

PBIT

Cat. No.:	C3584
CAS No.:	2514-30-9
Formula:	C ₁₄ H ₁₁ NOS
M.Wt:	241.3
Synonyms:	2-p-tolyl-1,2-Benzisothiazolin-3-one
Target:	Chromatin/Epigenetics
Pathway:	Histone Demethylases
Storage:	Store at -20°C



Solvent & Solubility

In Vitro

 $\leq 1\text{mg/ml}$ in ethanol; 10mg/ml in DMSO; 10mg/ml in dimethyl formamide

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		4.1442 mL	20.7211 mL	41.4422 mL
	5 mM		0.8288 mL	4.1442 mL	8.2884 mL
	10 mM		0.4144 mL	2.0721 mL	4.1442 mL

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

Biological Activity

Shortsummary

JARID1 family demethylases inhibitor

 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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