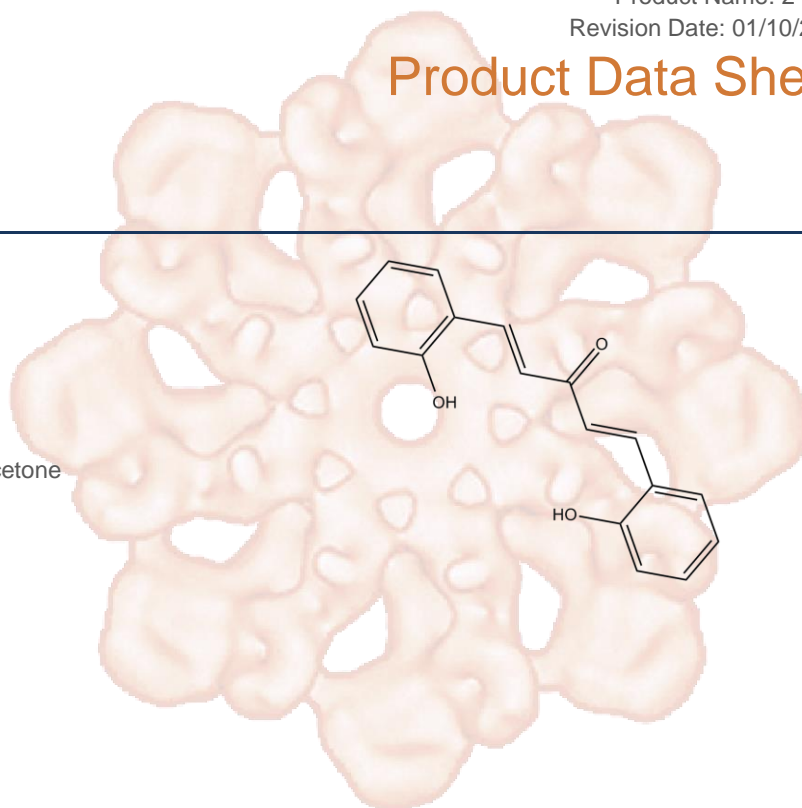


Product Data Sheet

2-HBA

Cat. No.:	C3234
CAS No.:	131359-24-5
Formula:	C17H14O3
M.Wt:	266.3
Synonyms:	Bis(2-hydroxybenzylidene)acetone
Target:	Apoptosis
Pathway:	KEAP1-Nrf2
Storage:	Store at -20°C



Solvent & Solubility

≤14mg/ml in ethanol;11mg/ml in DMSO;12mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.7552 mL	18.7758 mL	37.5516 mL
	5 mM		0.7510 mL	3.7552 mL	7.5103 mL
	10 mM		0.3755 mL	1.8776 mL	3.7552 mL

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

Biological Activity

Shortsummary

indirect inducer of enzymes that catalyze detoxification reactions through the Keap1-Nrf2-ARE pathway.

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.

APEX BIO 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

