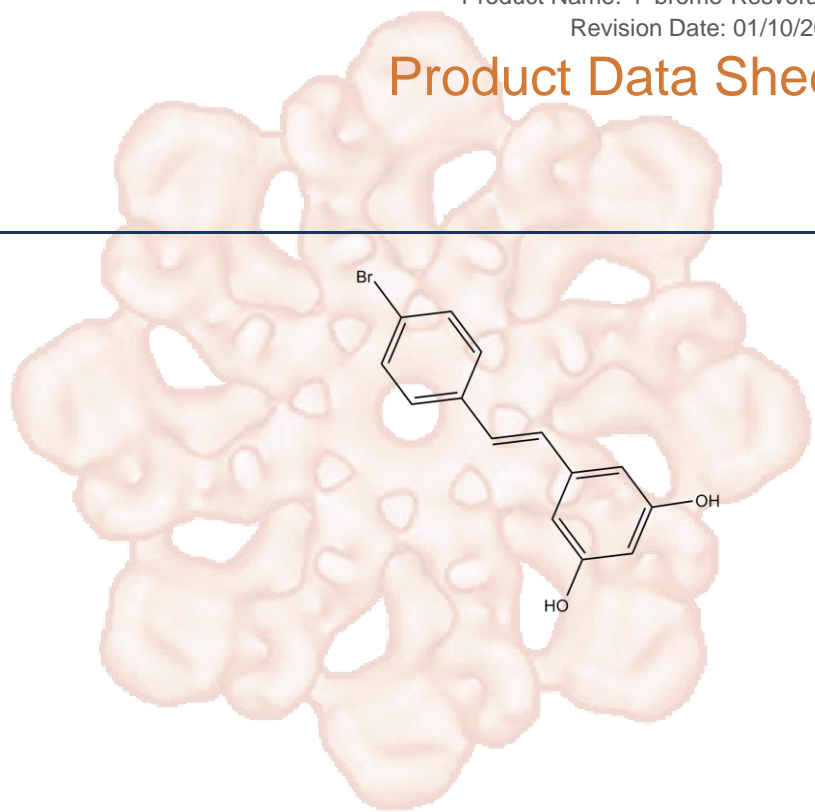


Product Data Sheet

4'-bromo-Resveratrol

Cat. No.:	C3552
CAS No.:	1224713-90-9
Formula:	C ₁₄ H ₁₁ BrO ₂
M.Wt:	291.1
Synonyms:	
Target:	Chromatin/Epigenetics
Pathway:	Sirtuin
Storage:	Store at -20°C



Solvent & Solubility

≤50mg/ml in ethanol;50mg/ml in DMSO;100mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.4352 mL	17.1762 mL	34.3525 mL
	5 mM		0.6870 mL	3.4352 mL	6.8705 mL
	10 mM		0.3435 mL	1.7176 mL	3.4352 mL

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

Biological Activity

Shortsummary

Sirt1 and Sirt3 inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Wang LJ, Lee YC, et al. "Non-mitotic effect of albendazole triggers apoptosis of human leukemia cells via SIRT3/ROS/p38 MAPK/TTP axis-mediated TNF- α upregulation." *Biochem Pharmacol.* 2018 Nov 7. pii: S0006-2952(18)30472-6. PMID:30414389

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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