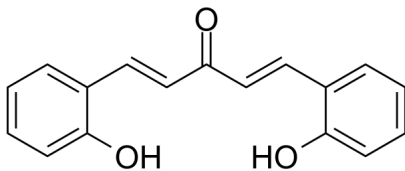


Certificate of Analysis

Catalog Number	BP10363
Product Name	2-HBA

Physical and Chemical Properties

CAS No.	131359-24-5
Chemical Formula	C ₁₇ H ₁₄ O ₃
Molecular Weight	266.296
Solubility	DMSO: 100 mg/mL (375.53 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	2-HBA, a synthetic analog of curcumin, is an indirect inducer of enzymes that catalyze detoxification reactions through the Keap1-Nrf2-ARE pathway.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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