

Product Name : 2-HBA

Synonyms : —

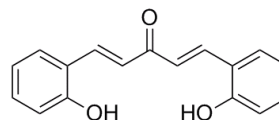
Cat No. : M20833

CAS Number : 131359-24-5

Molecular Formula : C₁₇H₁₄O₃

Formula Weight : 266.29

Chemical Name : —



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

Pathway : Membrane Transporter/Ion Channel

Target : NADPH

Receptor : NQO1; Caspase

Solubility : DMSO:100 mg/mL (375.53 mM)

SMILES : O=C(/C=C/c1ccccc1O)/C=C/c1ccccc1O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Dinkova-Kostova A T Cory A H Bozak R E et al. Bis(2-hydroxybenzylidene)acetone a potent inducer of the phase 2 response causes apoptosis in mouse leukemia cells through a p53-independent caspase-mediated pathway[J]. Cancer Letters 2007 245(1-2):0-349.