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DATASHEET

Resveratrol

Product overview

 Name
 Resveratrol

 Cat No
 HB4055

 Purity
 >98%

Description Potent phenolic antioxidant with many biological actions. COX-1 inhibitor.

Biological Data

Biological description Potent phenolic antioxidant found in grapes and red wine. COX-1 inhibitor, potent SIRT1 activator and

Hh signaling modulator. Has many biological actions such as cardioprotective, anti-inflammatory, antiplatelet aggregation, anticancer, anti-proliferative and neuroprotective activities. Additionally

induces apoptosis and autophagy.

Solubility & Handling

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name trans-3,4',5-Trihydroxystilbene Molecular Weight 228.2

Chemical structure

Molecular Formula $C_{14}H_{12}O_3$ CAS Number501-36-0PubChem identifier445154

SMILES OC1=CC=C(C=C1)\C=C\C1=CC(O)=C1
InChiKey LUKBXSAWLPMMSZ-OWOJBTEDSA-N

Appearance Off-white to greyish powder