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DATASHEET

Ferulenol

Product overview

 Name
 Ferulenol

 Cat No
 HB3895

 Purity
 >98%

Description Anti-tumor compound and tubulin polymerisation stimulator.

Biological Data

Biological description Prenylated 4-hydroxycoumarin. Anti-tumor compound. Cytotoxic. Stimulator of tubulin polymerisation in

vitro. Inhibitor of colchicine binding to tubulin. Antitubercular antibiotic with potent antibacterial activity. Anti-coagulant, pro-haemorrhagic compound with higher activity than warfarin. Shows hepatocyte

toxicity. Disrupts mitochondrial membrane potential.

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 2-Hydroxy-3-[(2E,6E)-3,7,11-trimethyldodeca-2,6,10-trienyl]chromen-4-one

Molecular Weight 366.5
Chemical structure

CAS Number 6805-34-1

PubChem identifier

InChiKey AHXOQKFWHSHTOS-RTIZFMKRSA-N

Appearance White to off-white solid