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DATASHEET

Ferulenol

Product overview

Name	Ferulenol
Cat No	HB3895
Purity	>98%
Description	Anti-tumor compound and tubulin polymerisation stimulator.

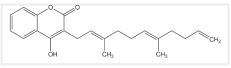
Biological Data

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
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	0
SMILES	CC(C)=CCC\C(C)=C\CC\C(C)=C\CC1=C(O)Oc2ccccc2C1=O
InChiKey	AHXOQKFWHSHTOS-RTIZFMKRSA-N
Appearance	White to off-white solid