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Product Datasheet

Geranylgeranoic acid, CAS [[35750-48-2]] FBM-10-3337

Artikelname	Geranylgeranoic acid, CAS [[35750-48-2]]
Artikelnummer	FBM-10-3337
Hersteller Artikelnummer	10-3337
Alternativnummer	FBM-10-3337-1MG, FBM-10-3337-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Bioactive Isoprenoid...
Molekulargewicht	304.47
Reinheit	>96% TLC, Contains ~5% cis isomer NMR: (Conforms)
Formulierung	Pale yellow liquid
CAS Nummer	[35750-48-2]
Formel	C20H32O2

Anwendungsbeschreibung	Geranylgeranoic acid (35750-48-2)) is an acyclic retinoid that is found naturally occurring in several traditional herbal medicines.¹ Like many retinoids, geranylgeranoic acid plays a role in bone formation. It has been demonstrated to induce osteoblast differentiation and to inhibit osteoclast formation both in vitro and in vivo.² It has been shown to induce apoptosis in various cell lines including HuH-7, PLC/PRF-5 and MLE-101. Induces unfolded protein response in human hepatoma cells.³ It effectively inhibits methicillin-resistant <i>Staphylococcus aureus</i> adhesion to keratin, fibronectin, fibrinogen, and immunoglobulins offering a potentially new treatment for a difficult to treat bacteria.⁴
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