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Product Datasheet

Verrucarin A, CAS [[3148-09-2]] FBM-10-3564

Artikelname	Verrucarin A, CAS [[3148-09-2]]
Artikelnummer	FBM-10-3564
Hersteller Artikelnummer	10-3564
Alternativnummer	FBM-10-3564-1MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Steroid receptor coactivator-3 inhibitor...
Molekulargewicht	502.56
Reinheit	>98% by HPLC, NMR (conforms)
Formulierung	Off-white solid
CAS Nummer	[3148-09-2]
Formel	C ₂₇ H ₃₄ O ₉
Anwendungsbeschreibung	A macrocyclic trichothecene mycotoxin from Myrothecium sp. It is a potent and selective inhibitor of the steroid receptor coactivator-3 and selectively down-regulates its expression. ¹ It is cytotoxic to multiple types of cancer cells at low nM concentrations (IC ₅₀ =4.9 nM for HepG2 cells) but not toward normal liver cells. ^{1,2} It enhances TNFalpha-induced ³ and TRAIL-induced apoptosis ⁴ . It reduces phosphorylation of IREalpha and inhibits tunicamycin-induced ER stress in FaO rat liver cells. ⁵