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Product Datasheet

Herboxidiene, CAS [[142861-00-5]] FBM-10-1614

Article Name	Herboxidiene, CAS [[142861-00-5]]
Biozol Catalog Number	FBM-10-1614
Supplier Catalog Number	10-1614
Alternative Catalog Number	FBM-10-1614-1MG, FBM-10-1614-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Spliceosome inhibitor...
Molecular Weight	438.60
Purity	97% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[142861-00-5]
Formula	C ₂₅ H ₄₂ O ₆
Application Notes	A novel polyketide fermentation product produced by <i>Streptomyces chromofuscus</i> , originally discovered by screening for herbicidal activity. Potent and selective inhibitor of spliceosome subunit SF3b.2 Specifically targets SAP155, a subunit of SF3b responsible for pre-mRNA splicing.3 Displays anti-angiogenic activity via down-regulation of VEGFR-2 and HIF-1alpha.4 Spliceosome inhibitors have attracted enormous attention due to their potential use in cancer treatment.5