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Product Datasheet

Aspterric acid, CAS [[67309-95-9]] FBM-10-3498

Artikelname	Aspterric acid, CAS [[67309-95-9]]
Artikelnummer	FBM-10-3498
Hersteller Artikelnummer	10-3498
Alternativnummer	FBM-10-3498-1MG,FBM-10-3498-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Plant growth regulator...
Molekulargewicht	266.33
Reinheit	98% by HPLC NMR (conforms)
Formulierung	White solid
CAS Nummer	[67309-95-9]
Formel	C15H22O4
Anwendungsbeschreibung	Aspterric acid is a fungal sequiterpenoid ¹ plant growth inhibitor discovered using a resistance-gene-directed approach. ¹ It is an inhibitor of dihydroxy-acid dehydratase (DHAD, IC ₅₀ =0.31 and 0.5 M for AteDHAD and AthDHAD respectively), an enzyme in the branched-chain amino acid biosynthetic pathway in plants and is an effective herbicide in spray applications. It has no significant cytotoxicity in human cell lines (up to 500 M). ² Inhibits the development of pollen in Arabidopsis thaliana. ³