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Product Datasheet

Swainsonine, CAS [[72741-87-8]] FBM-10-2674

Artikelname	Swainsonine, CAS [[72741-87-8]]
Artikelnummer	FBM-10-2674
Hersteller Artikelnummer	10-2674
Alternativnummer	FBM-10-2674-1MG, FBM-10-2674-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Glycosidase inhibitor...
Molekulargewicht	173.21
Reinheit	98% by TLC NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[72741-87-8]
Formel	C ₈ H ₁₅ NO ₃
Anwendungsbeschreibung	A naturally occurring alkaloidal toxin found in locoweed. Inhibits the biosynthesis of complex glycoproteins by inhibition of Golgi mannosidase II (IC ₅₀ = 0.2 µM).1 Inhibits growth and potentiates the cytotoxic effect of taxol in hepatocellular carcinoma in vivo.2 Induces apoptosis in a variety of cell types including cerebral cortical neurons.3 Impairs adult neurogenesis and spatial learning and memory.4 Abrogation of complex glycosylation by swainsonine results in strain-and cell-specific inhibition of prion replication.5 Induces lysosomal storage disease in farm animals.6