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Product Datasheet

Kifunensine, CAS [[109944-15-2]]
FBM-10-2860

Artikelname	Kifunensine, CAS [[109944-15-2]]
Artikelnummer	FBM-10-2860
Hersteller Artikelnummer	10-2860
Alternativnummer	FBM-10-2860-1MG,FBM-10-2860-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Mannosidase inhibitor...
Molekulargewicht	232.19
Reinheit	98% by TLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[109944-15-2]
Formel	C8H12N2O6
Anwendungsbeschreibung	Historically isolated from Kitasatosporia kifunensee.1 Inhibitor of class I alpha-mannosidases which inhibit glycoprotein processing. Inhibits human endoplasmic reticulum alpha-1,2-mannosidase I and Golgi Class I mannosidases IA, IB and IC with Ki values of 130 and 23 nM respectively.2 Inhibition of endoplasmic reticulum alpha-mannosidase I activity rescues the human alpha-sarcoglycan R77C mutation suggesting a new pharmacological approach for limb girdle muscular dystrophy type 2D patients carrying mutations that impair alpha-sarcoglycan trafficking.3 Improves maturation of misfolded proteins.4