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Product Datasheet

Deoxynojirimycin, CAS [[19130-96-2]] FBM-10-2409

Article Name	Deoxynojirimycin, CAS [[19130-96-2]]
Biozol Catalog Number	FBM-10-2409
Supplier Catalog Number	10-2409
Alternative Catalog Number	FBM-10-2409-10MG,FBM-10-2409-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Glycosidase inhibitor...
Molecular Weight	163.17
Purity	98% by TLC, NMR (conforms)
Form	White solid
CAS Number	[19130-96-2]
Formula	C ₆ H ₁₃ NO ₄
Application Notes	Inhibits alpha-glucosidase I and II ^{1,2} . Inhibits human immunodeficiency virus envelope glycoprotein-mediated membrane fusion at the CXCR4 binding step ³ . May be used to produce an affinity ligand for purifying glucosidase ¹⁴ . Was used to inhibit ER glucosidases I and II allowing for the discovery of a second mechanism for deglycosylation of N-linked oligosaccharides in PhaR ^{1.7} , a mouse lymphoma cell line ⁵ .