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Product Datasheet

Migalastat, CAS [[75172-81-5]]

FBM-10-2632

Article Name	Migalastat, CAS [[75172-81-5]]
Biozol Catalog Number	FBM-10-2632
Supplier Catalog Number	10-2632
Alternative Catalog Number	FBM-10-2632-1MG, FBM-10-2632-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Galactosidase inhibitor, pharmacological chaperone...
Molecular Weight	199.63
Purity	>98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[75172-81-5]
Formula	C6H13NO4 HCl
Application Notes	Migalastat is a potent, selective, and orally available inhibitor of alpha-galactosidase A (IC50= 40 nM). ¹ It binds to mutant misfolded alpha-GalA shifting the folding behavior toward functional active conformation (pharmacological chaperone activity) followed by trafficking to the lysosomes. ² Migalastat is active broadly across species from <i>Drosophila</i> ³ to human ⁴ . Clinically useful agent for Fabry disease. ⁵