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Product Datasheet

Vildagliptin, CAS [[274901-16-5]] FBM-10-2887

Article Name	Vildagliptin, CAS [[274901-16-5]]
Biozol Catalog Number	FBM-10-2887
Supplier Catalog Number	10-2887
Alternative Catalog Number	FBM-10-2887-50MG, FBM-10-2887-250MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DPP4 inhibitor...
Molecular Weight	303.40
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[274901-16-5]
Formula	C17H25N3O2
Application Notes	A potent inhibitor of dipeptidyl peptidase IV (DPP IV), an enzyme that cleaves glucagon-like peptide 1 (GLP-1) ¹ . Delaying the degradation of GLP-1 extends the action of insulin and suppressing the release of glucagon which results in reduction in elevated blood glucose levels (hyperglycemia) ² . Clinically useful antidiabetic agent. Ameliorates cognitive deficits in streptozotocin-induced Alzheimers disease model ³ . Displays protective effects on beta-cells by inhibition of ER stress in a mouse model ⁴ .