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Product Datasheet

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

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| 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 . |