BioVision

APPEARANCE:

SOLUBILITY:

PURITY:

STORAGE:

DESCRIPTION:

11/12	RELATED PRODUCTS:
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DIUVISIUII	
PRODUCT:	Vildagliptin
ALTERNATE NAME:	(S)-1-[N-(3-hydroxy-1-adamantyl)glycyl]pyrrolidine-2- carbonitrile
CATALOG #:	2188-10, 50
AMOUNT:	10 mg, 50 mg
MOLECULAR FORMULA:	$C_{17}H_{25}N_3O_2$
MOLECULAR WEIGHT:	303.40
CAS NUMBER:	274901-16-5

White to off-white solid

DMSO or H₂O

≥98%

Dipeptidylpeptidase IV, Human Plasma (Cat. No. 4709-10) Dipeptidylpeptidase IV, Human Recombinant (Cat. No. 4710-10, 50, 1000) Dipeptidylpeptidase IV Inhibitor, K 579 (Cat. No. 1963-1, 5) Dipeptidylpeptidase IV Inhibitor, NVP DPP 728 (Cat. No. 1964-1, 5) Diprotin A (Cat. No. 2191-5, 25) Diprotin B (Cat. No. 2192-5, 25) DPP4 Activity Assay Kit (Cat. No. K779-100) DPP4 Inhibitor Screening Kit (Cat. No. K780-100) Sitagliptin Phosphate Monohydrate (Cat. No. 1757-100, 1G)

REFERENCE:	He, YL. (2012). Clinical Pharmacokinetics 51, 147-162.
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

characteristic feature of type 2 diabetes.

Store at -20 °C. Protect from air and moisture

An antidiabetic agent. A potent inhibitor of dipeptidyl peptidase IV (DPP IV), an enzyme that breaks down Glucagon-like peptide 1 (GLP-1). By delaying the degradation of GLP-1, vildagliptin extends the action of insulin while also suppressing the release of glucagon. This leads to a reduction in elevated blood glucose levels (hyperglycemia), which is a

USAGE: