

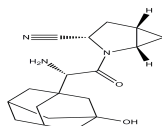
PRODUCT: Saxagliptin

ALTERNATE NAME: (1S,3S,5S)-2-[(2S)-2-amino-2-(3-hydroxy-1-adamantyl)acetyl]-2-azabicyclo[3.1.0]hexane-3-carbonitrile; BMS-477118; Onglyza

CATALOG #: 9528-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₂₅N₃O₂

MOLECULAR WEIGHT: 315.41

CAS NUMBER: 361442-04-8

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>40 mg/ml)

PURITY: ≥97% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: Saxagliptin is hydroxyadamantyl compound that acts as a potent, selective and reversible dipeptidyl peptidase-4 (DPP-4) inhibitor (IC₅₀ = 26 nM). An anti-diabetic agent.

REFERENCES: Barnett, A. (2006). *Int.J. Clin. Pract.* **60**, 1454-1470; Augeri, D.J., *et al.* (2005). *J. Med. Chem.* **48**, 5025-5037.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

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**)
Linagliptin (**Cat. No. 2240-50, 250**)
Sitagliptin Phosphate Monohydrate (**Cat. No. 1757-100, 1G**)
Vlidagliptin (**Cat. No. 2188-10, 50**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**