

Product Datasheet

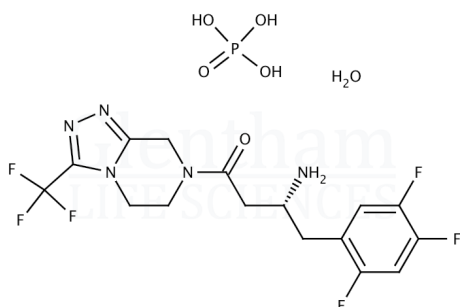
GP5441 - Sitagliptin phosphate monohydrate

Product Details

Product Name	Sitagliptin phosphate monohydrate
Glenthams Code	GP5441
CAS Number	654671-77-9
MDL Number	MFCD10001393
Additional CAS	654671-78-0 (anhy.)
Related Categories	APIs

Structure

Molecular Weight : 505.31
Molecular Formula : $C_{16}H_{15}F_6N_5O \cdot H_3PO_4 \cdot H_2O$



Physical Description	: White to almost white powder
Identification	: IR, HPLC
Solubility (5% in water)	: Clear, colourless solution
Specific Optical Rotation	: -23.0 - -18.0 ° (c=1, water)
Sulphate	: ≤ 0.02%
Chloride	: ≤ 0.05%
Phosphate	: 18.0 - 20.0 %
Residue on Ignition	: ≤ 0.1%
Enantiomeric Impurity	: ≤ 1.0%
Any Individual Impurity	: ≤ 0.5%
Total Impurities	: ≤ 1.0%
Residual Solvents	: Isopropanol: ≤ 1000ppm : Methanol: ≤ 1000ppm : Toluene: ≤ 500ppm : DMF: ≤ 500ppm : Acetonitrile: ≤ 200ppm
Heavy Metals	: ≤ 20ppm
Water	: 3.0 - 5.0 %
Assay (HPLC)	: 99.0 - 101.0 %
Version	: v1.0

About Sitagliptin phosphate monohydrate

No further details on record.

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glenthams Product Specification

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