

(S)-Sitagliptin phosphate Biochemical

(S)-Sitagliptin phosphate

CATALOG #
AAA228895

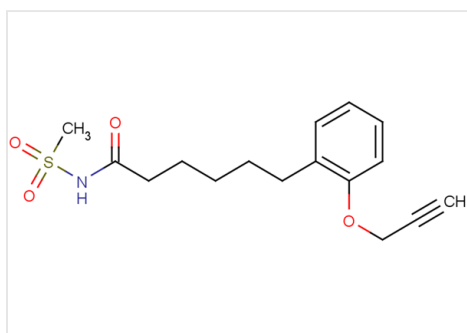
PRODUCT SYNONYMS

(S)-Sitagliptin phosphate; (S)-Sitagliptin phosphate biochemical

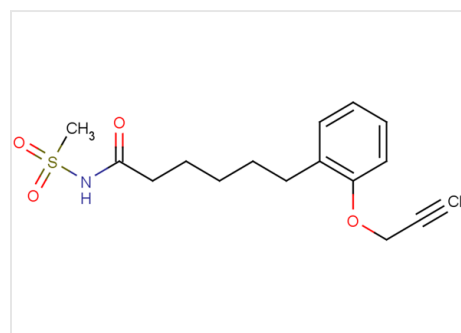
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	823817-58-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
MS-PPOH, CAS 206052-02-0



Structure
MS-PPOH, CAS 206052-02-0

ADDITIONAL INFORMATION

Related Product Information for (S)-Sitagliptin phosphate biochemical	(S)-Sitagliptin phosphate is the less active S-enantiomer of Sitagliptin phosphate. Sitagliptin phosphate (MK-0431 phosphate) is a potent inhibitor of DPP4 with an IC ₅₀ of 19 nM in Caco-2 cell extracts.
Product Categories/Family for (S)-Sitagliptin phosphate biochemical	Metabolism
References	1. Kasem Nithipatikom, et al. Inhibition of carcinoma cell motility by epoxyeicosatrienoic acid (EET) antagonists. Cancer Sci. 2010 Dec;101(12):2629-36. 2. Jun Yang, et al. Cytochrome P450 2C24: Expression, Tissue Distribution, High-Throughput Assay, and Pharmacological Inhibition. Acta Pharm Sin B. 2012 Apr;2(2):137-145. 3. Jing Li, et al. Pharmacological manipulation of arachidonic acid-epoxygenase results in divergent effects on renal damage. Front Pharmacol. 2014 Aug 15;5:187.

NCBI AND UNIPROT INFORMATION

Molecular Weight	323.41
------------------	--------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/s-sitagliptin-phosphate/228895>