

## Product Datasheet

# Retagliptin phosphate

Catalog No. **BP-01859A** · CAS **1256756-88-3** · Form **salt · phosphate** · Physical state **solid** · Color **white to light yellow** ·  
Version **1.0** · Revision **2026-09-07**

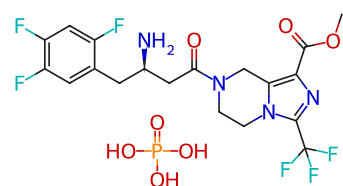
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|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| Target<br><b>Dipeptidyl Peptidase</b> | Research area<br><b>Metabolic Disease</b> |
|---------------------------------------|-------------------------------------------|

Molecular formula **C<sub>19</sub>H<sub>21</sub>F<sub>6</sub>N<sub>4</sub>O<sub>7</sub>P**

Molecular weight **562.3568**

### STRUCTURE



## DESCRIPTION

Retagliptin phosphate (SP2086 phosphate) is a selective, competitive and orally active dipeptidyl peptidase-4 (DPP-4) inhibitor. Retagliptin phosphate can be used for type 2 diabetes mellitus (T2DM) research.

## BIOLOGICAL ACTIVITY

In

Retagliptin is a class of compound used for research of type 2 diabetes. Retagliptin inhibits the degradation of GLP-1, thus amplifying the incretin effect.

## SOLUBILITY

Soluble in DMSO

## REFERENCES

[1]. Hu C, et al. Pharmacokinetics of Phosphate Retagliptin Tablet in Patients with Renal Dysfunction. Sichuan Da Xue Xue Bao Yi Xue Ban. 2018 Jan;49(1):74-80.

[2]. Avivit Cahn, et al. An update on DPP-4 inhibitors in the management of type 2 diabetes. Expert Opin Emerg Drugs. 2016 Dec;21(4):409-419.

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