

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-S009016-1435)

Analysis Date: 13/01/2021

Re-test Date: 12/01/2023

## Sitagliptin Phosphate Hydrate

### Identification

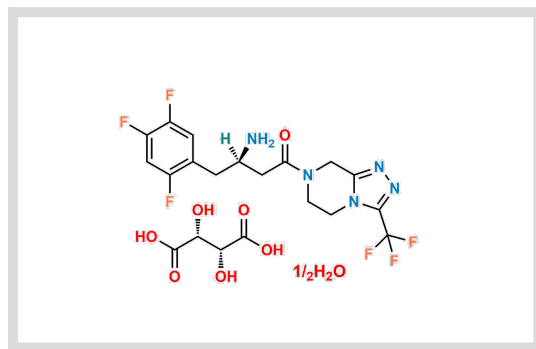
Chemical Name : (R)-4-Oxo-4-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl)butan-2-amine phosphate hydrate

CAT No. : SZ-S009016

CAS No. : 654671-77-9

Molecular Formula : C<sub>16</sub>H<sub>15</sub>F<sub>6</sub>N<sub>5</sub>O . H<sub>3</sub>O<sub>4</sub>P . H<sub>2</sub>O

Molecular Weight : 407.1 .98.0 .18.0



### Analytical Information

Batch Code : SRL-B-278

Solubility : Water

Appearance of product : White Solid

Long Term Storage : 2-8 °C for long term storage

HPLC Purity : Only Informative

Mass : Confirm

IR Analysis : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

DEPT Analysis : Confirm

### Additional Information

%Potency (determined by q NMR) : 99.81 %

Elemental Analysis (Theoretical) : %C: 36.72 %H: 3.85 %N: 13.38 %S: 0.000

Elemental Analysis (Practical) : %C: 37.01 %H: 4.084 %N: 13.45 %S: 0.081

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, <sup>1</sup>H NMR, IR, <sup>13</sup>C NMR, DEPT, CHNS

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.