

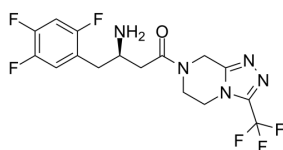
## Certificate of Analysis

**Product Name:** Sitagliptin  
**Cat. No.:** HY-13749  
**CAS No.:** 486460-32-6  
**Batch No.:** 12715  
**Chemical Name:** 1-Butanone, 3-amino-1-[5,6-dihydro-3-(trifluoromethyl)-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl)-, (3R)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>16</sub>H<sub>15</sub>F<sub>6</sub>N<sub>5</sub>O  
**Molecular Weight:** 407.31  
**Storage:**  
Powder      -20°C      3 years  
                  4°C        2 years  
In solvent   -80°C      6 months  
                  -20°C      1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.72%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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