

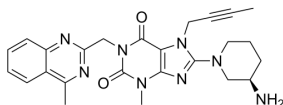
## Linagliptin

Cat. No.: HY-10284  
 CAS No.: 668270-12-0  
 Batch No.: 117706  
 Chemical Name: 1H-Purine-2,6-dione, 8-[(3R)-3-amino-1-piperidiny]-7-(2-butyn-1-yl)-3,7-dihydro-3-methyl-1-[(4-methyl-2-quinazoliny)methyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{25}H_{28}N_8O_2$   
 Molecular Weight: 472.54  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.91%  
 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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