

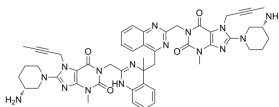
Linagliptin methyldimer

| | |
|----------------|---|
| Cat. No.: | HY-W744745 |
| CAS No.: | 1418133-47-7 |
| Batch No.: | 356475 |
| Chemical Name: | 1H-Purine-2,6-dione, 8-[[3R]-3-amino-1-piperidiny]-1-[[4-[[2-[[8-[[3R)-3-amino-1-piperidiny]-7-(2-butyn-1-yl)-2,3,6,7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-1-yl]methyl]-1,4-dihydro-4-methyl-1,4-quinazoliny]methyl]-2-quinazoliny]methyl]-7-(2-butyn-1-yl)-3,7-dihydro-3-methyl- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------|--|
| Molecular Formula: | C ₅₀ H ₅₆ N ₁₆ O ₄ |
| Molecular Weight: | 945.08 |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

Chemical Structure:



ANALYTICAL DATA

| | |
|------------------------------|---|
| Appearance: | Off-white to yellow (Solid) |
| ¹ H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (HPLC): | 96.12% |
| 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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