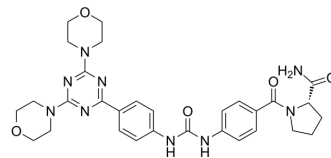


PI3K α -IN-5

| | |
|--------------------|---|
| Cat. No.: | HY-144295 |
| CAS No.: | 2237953-19-2 |
| Molecular Formula: | C ₃₀ H ₃₅ N ₉ O ₅ |
| Molecular Weight: | 601.66 |
| Target: | PI3K; mTOR |
| Pathway: | PI3K/Akt/mTOR |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | | |
|---------------------------|--|------------------------------------|
| Description | PI3K α -IN-5 (compound 6 ab) is a potent PI3K α /mTOR inhibitor, with an IC ₅₀ of 0.7 nM and 3.3 nM, respectively. PI3K α -IN-5 can be used for the research of colorectal cancer ^[1] . | |
| IC ₅₀ & Target | PI3K α 0.7 nM (IC ₅₀) | mTOR 3.3 nM (IC ₅₀) |

REFERENCES

[1]. Wu CF, et, al. Synthesis and bioevaluation of diaryl urea derivatives as potential antitumor agents for the treatment of human colorectal cancer. Eur J Med Chem. 2022 Feb 5;229:114055.

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

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