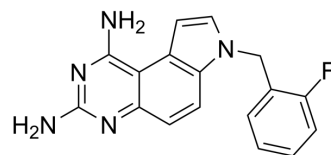


OYYF-175

| | |
|--------------------|---|
| Cat. No.: | HY-143408 |
| CAS No.: | 65829-22-3 |
| Molecular Formula: | C ₁₇ H ₁₄ N ₅ |
| Molecular Weight: | 307.32 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | OYYF-175, an antimicrobial antifolate, is a dihydrofolate reductase (DHFR) inhibitor with an IC ₅₀ of 2.36 nM for <i>Escherichia coli</i> DHFR. OYYF-175 exhibits potent broad- |
| IC ₅₀ & Target | IC ₅₀ : 2.36 nM (Escherichia coli DHFR) |

REFERENCES

[1]. Yue Li, et al. The discovery of 1, 3-diamino-7H-pyrrolo[3, 2-f]quinazoline compounds as potent antimicrobial antifolates. Eur J Med Chem. 2022 Jan 15;228:113979.

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

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