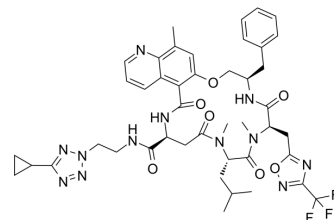


IDOR-4

| | |
|--------------------|---|
| Cat. No.: | HY-158002 |
| CAS No.: | 2839901-24-3 |
| Molecular Formula: | C ₄₄ H ₅₁ F ₃ N ₁₂ O ₇ |
| Molecular Weight: | 916.95 |
| Target: | CFTR |
| Pathway: | Membrane Transporter/Ion Channel |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | IDOR-4 is a type IV CFTR corrector. IDOR-4 restores F508del-CFTR trafficking to the cell surface ^[1] . |
| In Vitro | IDOR-4 (0.1-1000 nM, 24 h) restores F508del-CFTR function (YFP quenching assay), indicated by the increased F508del-CFTR C-band expression in CFBE cells, reflecting the trafficking to the cell surface ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Marchesin V, et al. A uniquely efficacious type of CFTR corrector with complementary mode of action. *Sci Adv.* 2024 Mar;10(9):eadk1814.

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

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