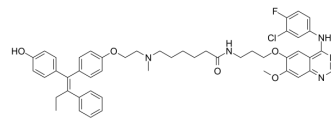


EGFR-IN-42

Cat. No.:	HY-145823
Molecular Formula:	C ₄₉ H ₅₃ ClFN ₅ O ₅
Molecular Weight:	846.43
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-IN-42 (Compound 17b) is a potent inhibitor of EGFR with single-digit nanomolar activity. EGFR-IN-42 connects tamoxifen or endoxifen with the EGFR-inhibitor gefitinib via a covalent linkage. EGFR-IN-42 retains both ER antagonist activity and EGFR inhibition. EGFR-IN-42 has superior anti-cancer activity^[1].

REFERENCES

[1]. Abdelmalek CM, et al. Gefitinib-Tamoxifen Hybrid Ligands as Potent Agents against Triple-Negative Breast Cancer. *J Med Chem.* 2022;65(6):4616-4632.

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

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