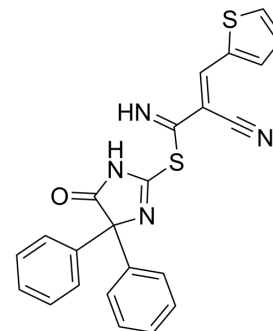


EGFR-IN-100

Cat. No.:	HY-161146
Molecular Formula:	C ₂₃ H ₁₆ N ₄ OS ₂
Molecular Weight:	428.53
Target:	EGFR; Apoptosis
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-IN-100 (compound 3f) is a EGFR inhibitor with IC₅₀ range of 0.137-0.507 μM. EGFR-IN-100 has antiproliferative activity and induces the apoptosis pathway. EGFR-IN-100 arrests the MCF-7 cell cycle at the S phase^[1].

REFERENCES

[1]. Fatma G Abdulrahman, et al. Design, synthesis, and mechanistic insight of novel imidazolones as potential EGFR inhibitors and apoptosis inducers. *Bioorg Chem.* 2024.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA