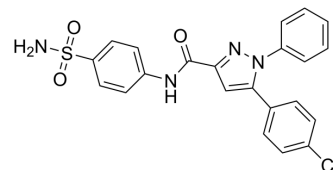


EGFR-PK/JNK-2-IN-1

Cat. No.:	HY-162332
Molecular Formula:	C ₂₂ H ₁₇ ClN ₄ O ₃ S
Molecular Weight:	452.91
Target:	Apoptosis; EGFR; JNK
Pathway:	Apoptosis; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-PK/JNK-2-IN-1 (Compound 6c) is a dual inhibitor of EGFR-PK and JNK-2 with IC₅₀s of 2.7 and 3.0 μM, respectively. EGFR-PK/JNK-2-IN-1 can induce apoptosis and induce cell cycle arrest at different cell phases. EGFR-PK/JNK-2-IN-1 can be used for the research of cancer^[1].

REFERENCES

[1]. Soltan OM, et al. Development of 1,5-diarylpyrazoles as EGFR/JNK-2 dual inhibitors: design, synthesis, molecular docking, and bioactivity evaluation. Bioorg Med Chem Lett. 2024 Feb 24;102:129673.

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