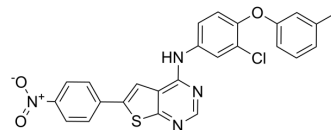


EGFR/HER2-IN-12

Cat. No.:	HY-160682
CAS No.:	2237230-21-4
Molecular Formula:	C ₂₅ H ₁₇ ClN ₄ O ₃ S
Molecular Weight:	488.95
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/HER2-IN-12 (compound 14b) is a dual inhibitor of EGFR and HER2 with 81% and 51% inhibition at 10 μM. The toxicity of EGFR/HER2-IN-12 to cancer cells A431 and MDA-MB-361 was not significant ^[1] .
IC ₅₀ & Target	ErbB2/HER2 ^[1]

REFERENCES

[1]. Milik SN, et al. Surmounting the resistance against EGFR inhibitors through the development of thieno[2,3-d]pyrimidine-based dual EGFR/HER2 inhibitors. Eur J Med Chem. 2018 Jul 15;155:316-336.

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