

EGFR/HDAC-IN-1

Chemical Properties

CAS No. :

Formula: C₂₂H₂₃ClN₄O₅

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	EGFR/HDAC-IN-1 (Compound 22c2) is a potent dual inhibitor of epidermal growth factor receptor (EGFR) and histone deacetylase (HDAC), exhibiting IC ₅₀ values of 4.81 nM for EGFR, 119.4 nM for HDAC1, and 354.8 nM for HDAC3. It disrupts the EGFR signaling pathway and alters histone acetylation status, thereby inhibiting tumor cell proliferation. EGFR/HDAC-IN-1 is a promising candidate for research in non-small cell lung cancer (NSCLC).
Targets(IC ₅₀)	EGFR,HDAC

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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