



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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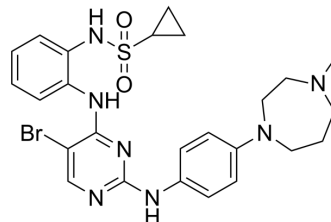
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EGFR-IN-117

Cat. No.:	HY-161785
CAS No.:	3035639-05-2
Molecular Formula:	C ₂₅ H ₃₀ BrN ₇ O ₂ S
Molecular Weight:	572.52
Target:	Apoptosis; EGFR
Pathway:	Apoptosis; 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-117 (Compound 8h) exhibits inhibitory activity against EGFR mutation, targets the tumor environment, and induces apoptosis of cancer cells. EGFR-IN-117 inhibits proliferations of H1975, PC-9, and EGFR mutant cells BaF3-EGFR L858R/T790M/C797S and BaF3-C797S/Del19/T790M, with IC₅₀ of 13 nM, 19 nM, 1.2 nM and 1.3 nM, respectively. EGFR-IN-117 exhibits antitumor efficacy in mouse models^[1].

REFERENCES

[1]. Yao H, et al., Discovery of new cyclopropane sulfonamide derivatives as EGFR inhibitors to overcome C797S-mediated resistance and EGFR double mutation. *Eur J Med Chem.* 2024 Jun 16;275:116590.

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

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