



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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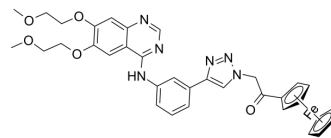
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EGFR-TK-IN-3

Cat. No.:	HY-163860
Molecular Formula:	C ₃₈ H ₄₆ FeN ₆ O ₅
Molecular Weight:	722.65
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-TK-IN-3 (3) is an EGFR TK inhibitor, with an IC ₅₀ of 2.33 μM against Erlotinib (HY-50896)-resistant A549 cells ^[1] .
In Vitro	The compound's mechanism of anticancer action involves a combination of EGFR TK inhibitory activity and the capability to generate reactive oxygen species in lung cancer cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Przemysław Biegański, et al. Organometallic–Erlotinib Conjugates Active against Lung Cancer Cells and as Emerging Virus Entry Inhibitors. *Organometallics* 2024.

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

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