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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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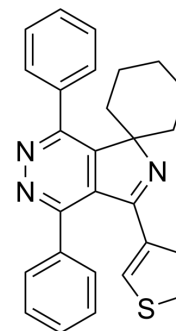
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EGFR-IN-112

Cat. No.:	HY-163632
CAS No.:	2758436-98-3
Molecular Formula:	C ₂₇ H ₂₃ N ₃ S
Molecular Weight:	421.56
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-IN-112 (SPP10) is an EGFR kinase inhibitor which exhibits IC ₅₀ s of 2.31 ± 0.3, 3.16 ± 0.8, and 4.2 ± 0.2 μM, against MCF-7, H69AR, and PC-3 cancer cells, respectively. EGFR-IN-112 also demonstrates selective cytotoxicity against cancer cells ^[1] .
In Vitro	EGFR-IN-112 (IC ₅₀ , 72 h) significantly inhibits Bcl-2 while inducing Bax and Cyt-c in MCF-7, H69AR, and PC-3 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Harika A, et al. Evaluation of Novel Spiro-pyrrolopyridazine Derivatives as Anticancer Compounds: In Vitro Selective Cytotoxicity, Induction of Apoptosis, EGFR Inhibitory Activity, and Molecular Docking Analysis. ACS Omega Article ASAP

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

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