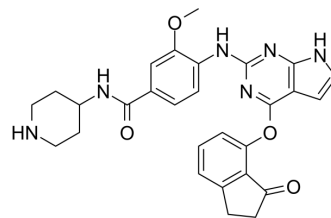


FAK-IN-3

Cat. No.:	HY-143407
CAS No.:	2882094-29-1
Molecular Formula:	C ₂₈ H ₂₈ N ₆ O ₄
Molecular Weight:	512.56
Target:	FAK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FAK-IN-3 (Compound 36) is a potent inhibitor of focal adhesion kinase (FAK). FAK-IN-3 not only decreases migration and invasion of PA-1 cells, but also reduces expression of MMP-2 and MMP-9. FAK-IN-3 inhibits tumor growth and metastasis, and no obvious adverse effects. FAK-IN-3 has the potential for the research of ovarian cancer^[1].

REFERENCES

[1]. Wei W, et al. Design, synthesis and biological evaluation of 7-((7H-pyrrolo[2,3-d]pyrimidin-4-yl)oxy)-2,3-dihydro-1H-inden-1-one derivatives as potent FAK inhibitors for the treatment of ovarian cancer. *Eur J Med Chem.* 2022;228:113978.

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

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