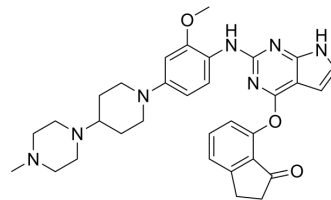


FAK inhibitor 7

Cat. No.:	HY-162879
CAS No.:	2890814-94-3
Molecular Formula:	C ₃₂ H ₃₇ N ₇ O ₃
Molecular Weight:	567.68
Target:	FAK; Src; Akt; Autophagy
Pathway:	Protein Tyrosine Kinase/RTK; PI3K/Akt/mTOR; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

FAK inhibitor 7 is a type of FAK inhibitor with an IC₅₀ value of 3.58 nM. FAK inhibitor 7 can inhibit the downstream signaling cascades of FAK (like Src and AKT), causing ovarian cancer cells to stall in the G₀/G₁ phase and induce cytotoxic autophagy. FAK inhibitor 7 can also suppress tumor metastasis and growth in ovarian cancer mice^[1].

REFERENCES

[1]. Feng Z, et al. A novel selective FAK inhibitor E2 inhibits ovarian cancer metastasis and growth by inducing cytotoxic autophagy. *Biochem Pharmacol.* 2024 Aug 3;229:116461.

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

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