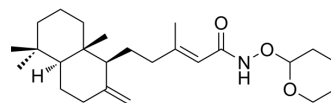


FAK-IN-11

Cat. No.:	HY-156026
Molecular Formula:	C ₂₅ H ₄₁ NO ₃
Molecular Weight:	403.6
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-11 (Compound 4l) is a FAK inhibitor. FAK-IN-11 binds to the ATP binding pocket of FAK, and inhibits phosphorylation of FAK protein. FAK-IN-11 shows cytotoxic activity against the MDA-MB-231 cells with an IC₅₀ of 13.73? μM. FAK-IN-11 induces non-apoptotic cell death in MDA-MB-231 cells^[1].

REFERENCES

[1]. Chawengrum P, et al. The amide derivative of anticopalic acid induces non-apoptotic cell death in triple-negative breast cancer cells by inhibiting FAK activation. Sci Rep. 2023 Aug 18;13(1):13456.

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

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