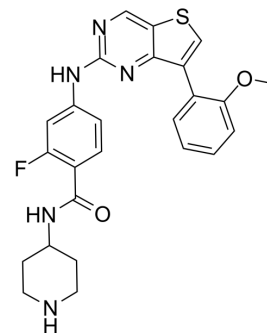


FAK inhibitor 6

Cat. No.:	HY-146203
CAS No.:	2410056-27-6
Molecular Formula:	C ₂₅ H ₂₄ FN ₅ O ₂ S
Molecular Weight:	477.55
Target:	FAK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Compound 26F not only optimized the effective inhibitory enzyme (ic_{50} = 28.2 nm), but also showed relatively less cytotoxicity (ic_{50} = 3.32 μ M) And induced MDA-MB-231 cell apoptosis in a dose-dependent manner, effectively blocking MDA-MB-231 cells in g0/g1 phase.

REFERENCES

[1]. Wang R, et al. Design, synthesis, biological evaluation and molecular docking study of novel thieno[3,2-d]pyrimidine derivatives as potent FAK inhibitors. Eur J Med Chem. 2020 Feb 15;188:112024.

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

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