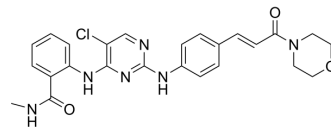


FAK-IN-12

Cat. No.:	HY-156334
Molecular Formula:	C ₂₅ H ₂₅ ClN ₆ O ₃
Molecular Weight:	492.96
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-12 (Compound 12S) is a FAK inhibitor (IC₅₀ = 47 nM). FAK-IN-12 inhibits MGC-803, HCT-116 and KYSE30 cell proliferation (IC₅₀: 0.24, 0.45, 0.44 μM). FAK-IN-12 induces apoptosis and cellular senescence^[1].

REFERENCES

[1]. Liu Y, et al. Design, synthesis and biological evaluation of novel 2,4-diaminopyrimidine cinnamyl derivatives as inhibitors of FAK with potent anti-gastric cancer activities. *Bioorg Chem.* 2023 Sep 30;141:106895.

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

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