



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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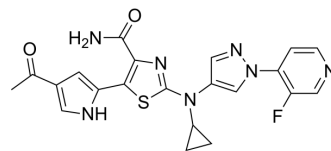
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ALK5-IN-80

Cat. No.:	HY-161662
Molecular Formula:	C ₂₁ H ₁₈ FN ₇ O ₂ S
Molecular Weight:	451.48
Target:	TGF-β Receptor
Pathway:	TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ALK5-IN-80 (Compound 29b) is a selective ALK5 inhibitor with an IC ₅₀ value of 3.7 nM. ALK5-IN-80 can be used for cancer research ^[1] .
IC ₅₀ & Target	IC ₅₀ : 3.7 nM (ALK5), 73.7 nM (ALK1), 183 nM (ALK2), >10000 nM (ALK3), 3690 nM (ALK4), >10000 nM (ALK6), 6344 nM (ACTR2B) ^[1]

REFERENCES

[1]. Arai M, et al. Design and synthesis of novel thiazole-derivatives as potent ALK5 inhibitors. *Bioorg Med Chem Lett*. 2024 May 16;108:129797.

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

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