



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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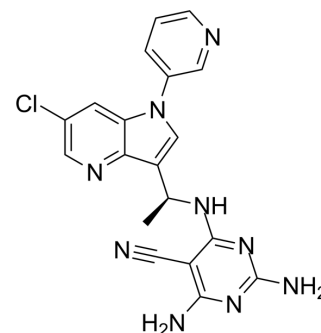
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PI3Kδ-IN-21

Cat. No.:	HY-158688
Molecular Formula:	C ₁₉ H ₁₆ ClN ₉
Molecular Weight:	405.84
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PI3Kδ-IN-21 (Compound 31) is a selective inhibitor for phosphoinositide 3-kinases δ (PI3Kδ), with an IC ₅₀ of 13.6 nM. PI3Kδ-IN-21 inhibits proliferation and differentiation of T cells through PI3K/AKT/mTOR signaling pathway. PI3Kδ-IN-21 exhibits good pharmacokinetic characters in rat model, and attenuates the experimental autoimmune encephalomyelitis in myelin oligodendrocyte glycoprotein (MOG)-induced EAE model ^[1] .		
IC₅₀ & Target	PI3Kδ 13.6 nM (IC ₅₀)	PI3Kβ 1660 nM (IC ₅₀)	PI3Kα 7034 nM (IC ₅₀)

REFERENCES

[1]. Yu M, et al. "Discovery of Novel Azaindoles as Potent and Selective PI3Kδ Inhibitors for Treatment of Multiple Sclerosis." Journal of medicinal chemistry, 10.1021/acs.jmedchem.4c00788. 16 May. 2024,

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

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