



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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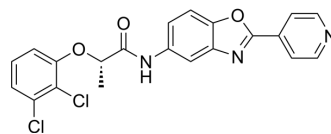
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IMPDH2-IN-2

Cat. No.:	HY-145286		
CAS No.:	1434517-02-8		
Molecular Formula:	C ₂₁ H ₁₅ Cl ₂ N ₃ O ₃		
Molecular Weight:	428.27		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

IMPDH2-IN-2 is a potent inhibitor of inosine 5'-monophosphate dehydrogenase (IMPDH) with a $K_{i,app}$ value of 14 μ M, respectively. IMPDH2-IN-2 displays moderate antibacterial activity (MIC = 6.3 and 11 μ M in minimal GAST/Fe and rich 7H9/ADC/Tween media, respectively). IMPDH2-IN-2 is a potential anti-tuberculosis agent^[1].

IC₅₀ & Target

IMPDH^[1]

REFERENCES

[1]. Chacko S, et al. Expanding Benzoxazole-Based Inosine 5'-Monophosphate Dehydrogenase (IMPDH) Inhibitor Structure-Activity As Potential Antituberculosis Agents [published correction appears in J Med Chem. 2021 Dec 23;64(24):18233-18234]. J Med Chem. 2018;61(11):4739-4756.

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

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