



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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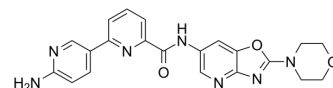
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IRAK4-IN-7

Cat. No.:	HY-109585
CAS No.:	1801343-74-7
Molecular Formula:	C ₂₁ H ₁₉ N ₇ O ₃
Molecular Weight:	417.42
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 13.89 mg/mL (33.28 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.3957 mL	11.9783 mL	23.9567 mL
		5 mM		0.4791 mL	2.3957 mL	4.7913 mL
		10 mM		0.2396 mL	1.1978 mL	2.3957 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.39 mg/mL (3.33 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	IRAK4-IN-7 is a selective, potent and orally active interleukin-1 receptor-associated kinase 4 (IRAK4) inhibitor, extracted from patent WO2015104688 (example 1). IRAK4-IN-7 has the potential for cancer and inflammatory diseases treatment ^[1] .
IC ₅₀ & Target	IRAK4 (IC ₅₀)
In Vivo	IRAK4-IN-7 has anti-cancer and anti-inflammatory activities, it can be used for cancer and inflammatory diseases treatment ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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