



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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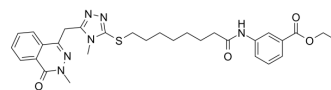
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IL-15-IN-1

Cat. No.:	HY-102049
CAS No.:	1831830-20-6
Molecular Formula:	C ₃₀ H ₃₆ N ₆ O ₄ S
Molecular Weight:	576.71
Target:	Interleukin Related
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 : 125 mg/mL (216.75 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	1.7340 mL	8.6699 mL	17.3397 mL
		5 mM	0.3468 mL	1.7340 mL	3.4679 mL
		10 mM	0.1734 mL	0.8670 mL	1.7340 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: ≥ 2.08 mg/mL (3.61 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.61 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	IL-15-IN-1 (compound 76) is a potent and selective Interleukin 15 (IL-15) inhibitor, inhibiting the proliferation of IL-15-dependent cells with an IC ₅₀ of 0.8 μM.
IC ₅₀ & Target	IL-15 0.8 μM (IC ₅₀)

REFERENCES

[1]. Quéméner A, et al. Discovery of a Small-Molecule Inhibitor of Interleukin 15: Pharmacophore-Based Virtual Screening and Hit Optimization. J Med Chem. 2017 Jul 27;60(14):6249-6272.

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

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