



SZABO SCANDIC

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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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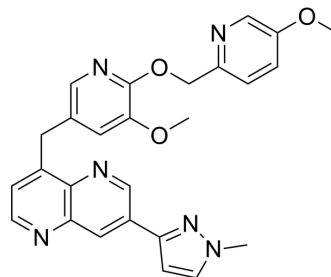
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CSF1R-IN-24

Cat. No.:	HY-160842		
CAS No.:	3024322-57-1		
Molecular Formula:	C ₂₆ H ₂₄ N ₆ O ₃		
Molecular Weight:	468.51		
Target:	c-Fms		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (213.44 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1344 mL	10.6721 mL	21.3443 mL
5 mM	0.4269 mL	2.1344 mL	4.2689 mL
10 mM	0.2134 mL	1.0672 mL	2.1344 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.34 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

CSF1R-IN-24 (Example 134) is an orally active CSF1R inhibitor. CSF1R-IN-24 significantly inhibits the survival of human ipSC-derived microglia (hiPSC-MG)^[1].

REFERENCES

- [1]. Hao Wang, et al. Csf-1r inhibitors and uses thereof . WO2023241608A1. 2023.12.21.

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

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