



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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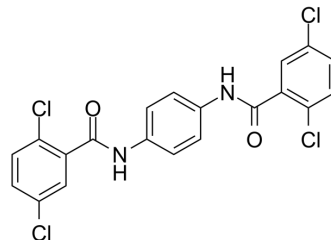
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IHR-1

Cat. No.:	HY-110240
CAS No.:	548779-60-8
Molecular Formula:	C ₂₀ H ₁₂ Cl ₄ N ₂ O ₂
Molecular Weight:	454.13
Target:	Smo
Pathway:	Stem Cell/Wnt
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 20.83 mg/mL (45.87 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.2020 mL	11.0101 mL	22.0201 mL
		5 mM	0.4404 mL	2.2020 mL	4.4040 mL
		10 mM	0.2202 mL	1.1010 mL	2.2020 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.58 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	IHR-1 is a cell membrane impermeable Smo antagonist ^[1] .
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REFERENCES

[1]. Chih-Wei Fan, et al. The Hedgehog pathway effector smoothened exhibits signaling competency in the absence of ciliary accumulation. Chem Biol. 2014 Dec 18;21(12):1680-9.

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

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