



# 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

### SZABO-SCANDIC HandelsgmbH

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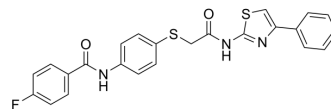
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## F7H

Cat. No.:	HY-156095
CAS No.:	897109-93-2
Molecular Formula:	C <sub>24</sub> H <sub>18</sub> FN <sub>3</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	463.55
Target:	Wnt
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 : 125 mg/mL (269.66 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		2.1573 mL	10.7863 mL	21.5726 mL
	5 mM		0.4315 mL	2.1573 mL	4.3145 mL
	10 mM		0.2157 mL	1.0786 mL	2.1573 mL

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

### BIOLOGICAL ACTIVITY

#### Description

F7H is a Frizzled receptor FZD7 antagonist (IC<sub>50</sub>: 1.25 μM). Frizzled receptors (FZDs) influence Wnt signaling, mediating embryonic development and tissue homeostasis. F7H is a potent ligand for the FZD7 transmembrane domain (TMD)<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 1.25 μM (Frizzled receptor, FZD7)<sup>[1]</sup>

### REFERENCES

[1]. Li C, et al. Structure-Based Ligand Discovery Targeting the Transmembrane Domain of Frizzled Receptor FZD7. J Med Chem. 2023 Sep 14;66(17):11855-11868..

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

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