



# 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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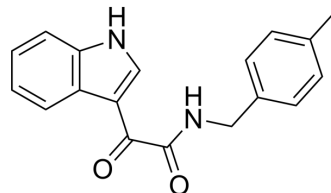
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## IGF-1R/SRC-IN-1

Cat. No.:	HY-156914		
CAS No.:	852367-46-5		
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>		
Molecular Weight:	292.33		
Target:	IGF-1R; Src		
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 : 31.25 mg/mL (106.90 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.4208 mL	17.1040 mL	34.2079 mL
5 mM	0.6842 mL	3.4208 mL	6.8416 mL
10 mM	0.3421 mL	1.7104 mL	3.4208 mL

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

### BIOLOGICAL ACTIVITY

**Description** IGF-1R/SRC-IN-1 (Compound 3b) is an inhibitor for IGF-1R (IC<sub>50</sub> is 63 μM) and SRC<sup>[1]</sup>.

**IC<sub>50</sub> & Target** IC<sub>50</sub>: 63 μM (IGF-1R)

### REFERENCES

[1]. Schmidt S, et al., Dual IGF-1R/SRC inhibitors based on a N'-aroyl-2-(1H-indol-3-yl)-2-oxoacetohydrazide structure. Eur J Med Chem. 2011 Jul;46(7):2759-69.

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

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