



# 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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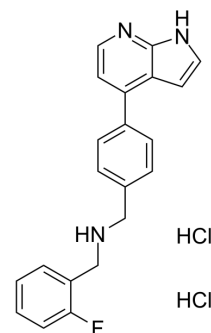
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## OXA-06 hydrochloride

<b>Cat. No.:</b>	HY-110335
<b>CAS No.:</b>	1825455-91-1
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>20</sub> Cl <sub>2</sub> FN <sub>3</sub>
<b>Molecular Weight:</b>	404.31
<b>Target:</b>	ROCK
<b>Pathway:</b>	Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (61.83 mM); ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4733 mL	12.3667 mL	24.7335 mL
5 mM	0.4947 mL	2.4733 mL	4.9467 mL
10 mM	0.2473 mL	1.2367 mL	2.4733 mL

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

### BIOLOGICAL ACTIVITY

#### Description

OXA-06 hydrochloride is an ATP-competitive ROCK inhibitor that blocks anchorage-dependent growth and invasion of non-small cell lung cancer cell lines. OXA-06 hydrochloride inhibits cofilin phosphorylation but does not stimulate apoptosis<sup>[1]</sup>.

### REFERENCES

[1]. Vigil D, et al. ROCK1 and ROCK2 are required for non-small cell lung cancer anchorage-independent growth and invasion. Cancer Res. 2012 Oct 15;72(20):5338-47.

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

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