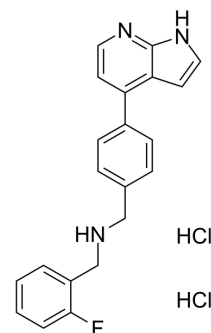


OXA-06 hydrochloride

Cat. No.: HY-110335
CAS No.: 1825455-91-1
Molecular Formula: C₂₁H₂₀Cl₂FN₃
Molecular Weight: 404.31
Target: ROCK
Pathway: Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad
Storage: 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	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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^[1].

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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