
Product Data Sheet

Product Name: OXA 06 dihydrochloride

Cat. No.: GC50116

Chemical Properties

Cas. No. 1825455-91-1

SMILES FC1=CC=CC=C1CNCC(C=C4)=CC=C4C2=C3C(NC=C3)=NC=C2.Cl.ClFormula $C_{21}H_{18}FN_3 \cdot 2HCl$ M.Wt 404.31

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent ROCK inhibitor (IC₅₀ = 10 nM). Suppresses pMYPT1 and pCofilin levels in non-small cell lung carcinoma (NSCLC) cell lines. Also inhibits anchorage-independent growth of NSCLC cell lines in vitro.

Vigil et al (2012) ROCK1 and ROCK2 are required for non-small cell lung cancer anchorage-independent growth and invasion. Cancer Res. 72 5338 PMID:22942252

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

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