

DMPQ 2HCl, PDGFR β inhibitor

Catalog	Unit
TBI1370-5MG	5 mg
TBI1370-25MG	25 mg

Product Details

Formal Name: 5,7-Dimethoxy-3-(4-pyridinyl)quinolone dihydrochloride

Molecular Formula: C₁₆H₁₄N₂O₂ · 2HCl

Formula Weight: 339.22

CAS Number: 1123491-15-5

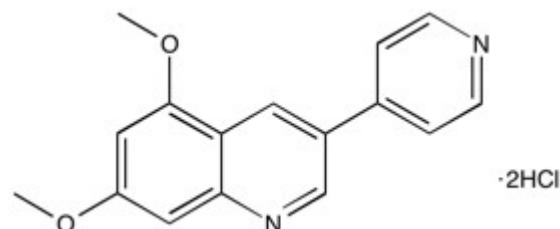
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 1 mg/ml with warming) or in Water (up to 30 mg/ml).

Storage: RT

Stability: \geq 2 years.



Applications

PDGFR β inhibitor

Functions

A potent and selective inhibitor of PDGFR β , IC₅₀=80 nM. Greater than 100-fold more selective compared to EGFR, erb-B2, p56, PKA and PKC. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 1 mg/ml with warming) or in Water (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or distilled water may be stored at -20° for up to 2 months.

For research use only.