

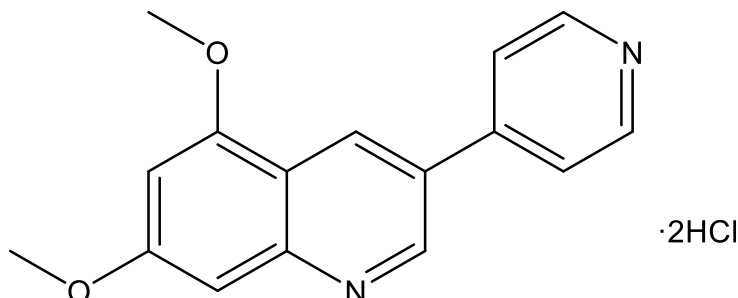
Catalog # 10-1370

DMPQ · 2HCl

CAS# 1123491-15-5

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

Lot # X104529



A potent and selective inhibitor of PDGFR β , IC₅₀=80 nM. Greater than 100-fold more selective compared to EGFR, erB2, p56, PKA and PKC. Cell permeable.

- 1) Dolle *et al.* (1994), *5,7-Dimethoxy-3-(4-pyridinyl)quinolone is a Potent and Selective Inhibitor of Human Vascular beta-Type Platelet-Derived Growth Factor Receptor Tyrosine Kinase*; J. Med. Chem. **37** 2627

PHYSICAL DATA

Molecular Weight:	339.22
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₂ · 2HCl
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 1 mg/ml with warming) or Water (up to 30 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied desiccated at room temperature for up to 2 years from the date of purchase. Solutions in DMSO or distilled water may be stored at -20°C for up to 3 months.

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