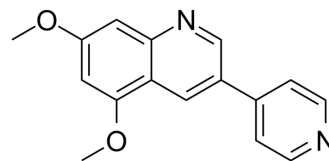


## DMPQ dihydrochloride

Cat. No.:	HY-108627
CAS No.:	1123491-15-5
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	339.22
Target:	PDGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



H-Cl

H-Cl

### BIOLOGICAL ACTIVITY

#### Description

DMPQ dihydrochloride is a potent and selective inhibitor of human platelet-derived growth factor receptor  $\beta$  (PDGFR $\beta$ ) with an IC<sub>50</sub> of 80 nM<sup>[1]</sup>.

### REFERENCES

[1]. Dolle RE, et al. 5,7-Dimethoxy-3-(4-pyridinyl)quinoline is a potent and selective inhibitor of human vascular beta-type platelet-derived growth factor receptor tyrosine kinase. J Med Chem. 1994 Aug 19;37(17):2627-9.

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

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