

Product datasheet

DMPQ dihydrochloride (mM/ml), PDGFRbeta inhibitor  
ab146732

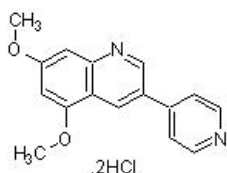
Overview

<b>Product name</b>	DMPQ dihydrochloride (mM/ml), PDGFRbeta inhibitor
<b>Description</b>	Potent and selective PDGFRβ inhibitor. 1 ml water soluble pack.
<b>Biological description</b>	Potent and selective β-type platelet derived growth factor receptor tyrosine kinase (PDGFRβ) inhibitor (IC <sub>50</sub> = 80 nM). Shows >100-fold selectivity over EGFR, PKA, PKC, p56 and erbB2.
	Soluble in 1 ml water to give specified mM/ml concentration. <a href="#">Find out more.</a>

**Purity** > 99%

**CAS Number** 1123491-15-5

**Chemical structure**



Properties

<b>Chemical name</b>	5,7-Dimethoxy-3-(4-pyridinyl)quinoline dihydrochloride
<b>Molecular weight</b>	339.22
<b>Molecular formula</b>	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> ·2HCl
<b>PubChem identifier</b>	45073427
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in 1 ml water to give specified mM/ml concentration
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.
	Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

<b>SMILES</b>	<chem>Cl.Cl.COc1cc(OC)nc2ccc(cc12)c3ccncc3</chem>
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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