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**Product Data Sheet**

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Product Name: PF 06273340

Cat. No.: GC50346

**Chemical Properties**

Cas. No. 1402438-74-7

SMILES NC1=NC=C2C(N(C(C)(C)CO)C=C2C(C3=CN=CC(NC(CC4=CC=C(Cl)C=N4)=O)=C3)=O)=N1Formula C<sub>23</sub>H<sub>22</sub>ClN<sub>7</sub>O<sub>3</sub> M.Wt 479.93

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 and selective pan-Trk inhibitor (IC<sub>50</sub> values are 1, 2 and 6 nM for Trk C, B and A, respectively). Selective for Trk over a panel of ion channels, receptors and other enzymes. Peripherally restricted. Exhibits efficacy in a rodent model of inflammatory pain. Orally bioavailable.

Skerratt et al (2016) The discovery of a potent, selective, and peripherally restricted pan-Trk inhibitor (PF-06273340) for the treatment of pain. J.Med.Chem. 59 10084 PMID:27766865

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

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