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**Product Data Sheet**

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Product Name: ZM 306416 hydrochloride

Cat. No.: GC50028

**Chemical Properties**

Cas. No. 196603-47-1

SMILES Cl.COC1=C(OC)C=C2C(NC3=CC=C(Cl)C=C3F)=NC=NC2=C1Formula  $C_{16}H_{13}N_3O_2FCl.HCl$  M.Wt 370.21

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**

Inhibitor of vascular endothelial growth factor (VEGF) receptor tyrosine kinase. Inhibits activity of KDR and FLT VEGF receptors (IC50 values are 100 nM and 2 μM respectively) and displays > 3-fold selectivity over FGFR-1. Orally active in vivo.

Hennequin et al (1999) Design and structure-activity relationship of a new class of potent VEGF receptor tyrosine kinase inhibitors. J.Med.Chem. 42 5369 PMID:10639280

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

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