
Product Data Sheet

Product Name: TC-A 2317 hydrochloride

Cat. No.: GC16378

Chemical Properties

Cas. No. 1245907-03-2

Chemical Name 6-((3-isocyano-4-methyl-6-((5-methyl-1H-pyrazol-3-yl)amino)pyridin-2-yl)amino)-2-methylheptan-2-ol hydrochloride

SMILES CC(CCCC(C)(C)O)NC1=NC(NC2=NNC(C)=C2)=CC(C)=C1[N+].[Cl-]Formula $C_{19}H_{28}N_6O.HCl$ M.Wt 392.93

Solubility <39.29mg/ml in DMSO; <19.65mg/ml in ethanol Storage Store at 4°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 Aurora kinase A inhibitor ($K_i = 1.2$ nM compared to 101 nM for inhibition of Aurora kinase B). Selective over 60 other kinases (IC_{50} values > 1000 nM). Exhibits good cell permeability and antitumor activity.

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

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