
Product Data Sheet

Product Name: CT-721
Cat. No.: GC35753

Chemical Properties

Cas. No. 1388710-60-8

SMILES CC1=CC=C(NC(C2=CC=C([C@@H](N3CCN(C)CC3)CC4)C4=C2)=O)C=C1C#CC5=CN=C6N5N=C(Cl)C=C6

Formula C₃₀H₂₉ClN₆O M.Wt 525.04

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

CT-721 is a potent and time-dependent Bcr-Abl kinase inhibitor with an IC₅₀ of 21.3 nM for wild-type Bcr-Abl kinase, and possesses anti-chronic myeloid leukemia (CML) activities[1]. IC₅₀: 21.3 nM (wild-type Bcr-Abl kinase)[1]

[1]. Sun Y, et al. CT-721, a Potent Bcr-Abl Inhibitor, Exhibits Excellent In Vitro and In Vivo Efficacy in the Treatment of Chronic Myeloid Leukemia. J Cancer. 2017 Aug 23;8(14):2774-2784.

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

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