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## Product Data Sheet

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Product Name: Aurora B inhibitor 1  
Cat. No.: GC33379

### Chemical Properties

Cas. No. 937276-52-3

SMILES FC1(C2CC2)CN(C3=NC(O[C@@H]4CN(C(C5=C(C=CC(Cl)=C5)F)=O)CC4)=NC(NC6=NNC(C)=C6)=C3)C1

Formula C<sub>25</sub>H<sub>26</sub>ClF<sub>2</sub>N<sub>7</sub>O<sub>2</sub>

M.Wt

529.97

Solubility Soluble in DMSO

Storage

Store at -20°C

General 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 Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition request.

Structure

### Background

Aurora B inhibitor 1 is an Aurora B (Aurora-1) inhibitor extracted from patent WO2007059299A1, compound 1-3, has a K<sub>i</sub> value of <0.010 μM.

Aurora B inhibitor 1 also inhibits JAK3 and JAK2 with K<sub>i</sub>s of <0.25 μM and <0.10 μM, respectively[1].

[1]. FRAYSSE, Damien, et al. AMINOPYRIMIDINES USEFUL AS KINASE INHIBITORS. WO2007059299A1.

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

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