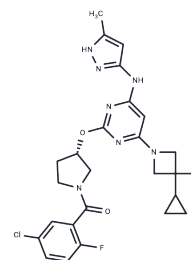


Aurora B inhibitor 1

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 937276-52-3 |
| Formula: | C ₂₅ H ₂₆ ClF ₂ N ₇ O ₂ |
| Molecular Weight: | 529.97 |
| Storage: | Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|----------------------------|---|
| Description | Aurora B inhibitor 1 is an Aurora B (Aurora-1) inhibitor (K _i <0.010 μM) with potential anticancer activity for cancer research. |
| Targets(IC ₅₀) | Aurora Kinase |
| In vitro | Aurora B inhibitor 1 inhibits JAK2 and JAK3 with K _i s less than 0.10 μM and 0.25 μM, respectively[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.8869 mL | 9.4345 mL | 18.869 mL |
| 5 mM | 0.3774 mL | 1.8869 mL | 3.7738 mL |
| 10 mM | 0.1887 mL | 0.9434 mL | 1.8869 mL |
| 50 mM | 0.0377 mL | 0.1887 mL | 0.3774 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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