

Certificate of Analysis

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Global Supplier of Chemical Probes, Inhibitors & Agonists.

 Product Name
 : CDKI-73

 Cat. No.
 : PC-43037

 CAS No.
 : 1421693-22-2

 Batch No.
 : PC-4303701

Chemical Name : Benzenesulfonamide, 3-[[5-fluoro-4-[4-methyl-2-(methylamino)-5-thiazolyl]-2-

pyrimidinyl]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 394.447

 $\begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{15}H_{15}FN_6O_2S_2$ \\ \end{tabular}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

$$\begin{array}{c|c} & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

ANALYTICAL DATA

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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