Certificate of Analysis

Dasatinib analog-1

Cat. No.: HY-156883

CAS No.: 1174416-41-1

Batch No.: 323872

Chemical Name: 5-Thiazolecarboxamide, N-(2-chloro-4-fluoro-6-methylphenyl)-2-[[6-[4-(2-hydroxyethyl)-1-piper

azinyl]-2-methyl-4-pyrimidinyl]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂H₂₅ClFN₇O₂S

Molecular Weight: 506.00

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.08%

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

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

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