Certificate of Analysis

2-Fluoropyridine-5-boronic acid pinacol ester

Cat. No.: HY-W012386 CAS No.: 444120-95-0 Batch No.: 52341

Chemical Name: Pyridine, 2-fluoro-5-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₁H₁₅BFNO₂

Molecular Weight: 223.05

Storage: Pure form -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (<29°C Solid,>33°C Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.58%

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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