

Certificate of Analysis

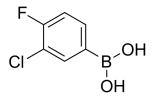
3-Chloro-4-fluorophenylboronic acid

| Cat. No.: | HY-59204 |
|----------------|---|
| CAS No.: | 144432-85-9 |
| Batch No.: | 217575 |
| Chemical Name: | Boronic acid,B-(3-chloro-4-fluorophenyl)- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₆ H ₅ BClFO ₂ | | |
|--------------------|--|-------|----------|
| Molecular Weight: | 174.37 | | |
| 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: | White to off-white (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.92% |
| 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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