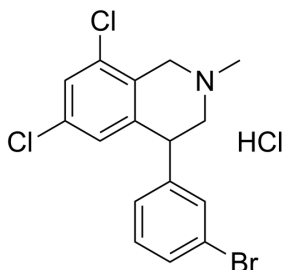


Certificate of Analysis

| | |
|-----------------------|------------------------------------------------------------------------------------------------|
| Product Name: | 4-(3-Bromophenyl)-6,8-dichloro-2-methyl-1,2,3,4-tetrahydroisoquinoline hydrochloride |
| Cat. No.: | CS-0051204 |
| CAS No.: | 543739-81-7 |
| Batch No.: | Lf0411129262 |
| Chemical Name: | Isoquinoline, 4-(3-bromophenyl)-6,8-dichloro-1,2,3,4-tetrahydro-2-methyl-, hydrochloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|-----------------------------------------------------|
| Molecular Formula: | C ₁₆ H ₁₅ BrCl ₃ N |
| Molecular Weight: | 407.56 |
| Storage: | Storage temp. 2-8°C |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|------------------------------------|-------------------------------------------------------------------------|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| 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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