



HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC191907014**

| | |
|------------------------------|---|
| Product name | 2-chloromethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine hydrochloride |
| CAS Number | 127337-60-4 |
| Molecule Formula | C9H9ClF3NO.HCl |
| Batch number | 20181015 |
| Manuf. &Exp. Date | 2018.10.15; 2020.10.14 |
| Testing date | 2018.10.17 |

| Items | Standard | Result |
|----------------------|--|-----------------|
| Appearance | White to off-white crystalline powder | Conforms |
| Solubility | Freely soluble in water, soluble in methanol, insoluble in ether | Conforms |
| Melting point | 205°C-210°C | 206.6°C-207.8°C |
| Identification | IR | Conforms |
| | HPLC | Conforms |
| Related substance | Individual impurity $\leq 0.5\%$ | 0.32% |
| | Total impurity $\leq 1.0\%$ | 0.45% |
| Loss on drying | $\leq 0.5\%$ | 0.29% |
| Assay on dried basis | 98.0%-102.0% | 99.18% |
| Conclusion | All analytical methods and results conform to the enterprise standard. | |

QUALITY CONTROL:
Hangzhou Dingyan Chem Co., Ltd.
Quality Control Nicole
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风