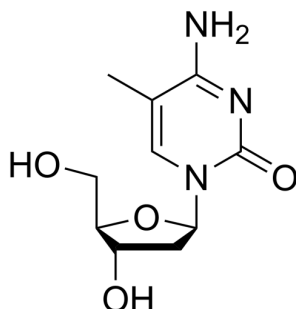


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | 5-Methyl-2'-deoxycytidine                                     |
| Cat. No.:           | 1044503   |
| CAS No.:            | 838-07-3  |
| Molecular Formula:  | C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub> |
| Molecular Weight:   | 241.24  |
| Chemical Structure: |   |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | Lf0817160848              |
| Storage:     | 2-8°C, protect from light |
| Test Date:   | 2022-08-17                |
| Retest Date: | 2025-08-16                |
| Origin:      | Shanghai, China           |

### QC Summary

|                                     |   |
|-------------------------------------|---|
| Appearance:                         | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum:        | Consistent with structure   |
| Purity (NMR):                       | ≥97.0%  |
| OR(C=1.00g/100ml H <sub>2</sub> O): | 44.0°   |
| Conclusion:                         | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

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