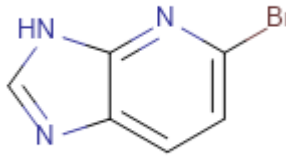


## Certificate of Analysis

## Compound Information

|                   |                                   |  |   |
|-------------------|-----------------------------------|--|---|
| Name              | 5-bromo-3H-imidazo[4,5-b]pyridine |  |  |
| CAS Number        | 28279-52-9                        |  |   |
| Catalog Number    | PB02870                           |  |   |
| Molecular Formula | C6H4BrN3                          |  |   |
| Molecular Weight  | 198.023                           |  |   |

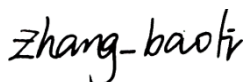
## Batch Information

|                 |                  |                         |           |
|-----------------|------------------|-------------------------|-----------|
| Batch Number    | PB0001698-074-01 |                         |           |
| Production Date | 5/10/2017        | Recommended Retest Date | 5/10/2019 |
| Origin          | Nanjing, China   |                         |           |

## QC Summary

| Items                               | Result       |
|-------------------------------------|--------------|
| Appearance                          | Brown powder |
| 400 MHz <sup>1</sup> H NMR Spectrum | Conforms     |
| Melting Point (°C)                  | 251.2-254.7  |
| Water(KF)(%)                        | 0.11         |
| HPLC(Area%)                         | 97.7         |
| Mass                                | Conforms     |

Note: 1. Values of the results shown are based upon analysis of samples taken from this batch randomly  
2. Observed mass should be within 0.1% of expected mass.



Issued by QC Supervisor



Approved by QC Manager

2018-02-21

Release Date



We have been certified to ISO9001, ISO14001 and OHSAS18001.

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