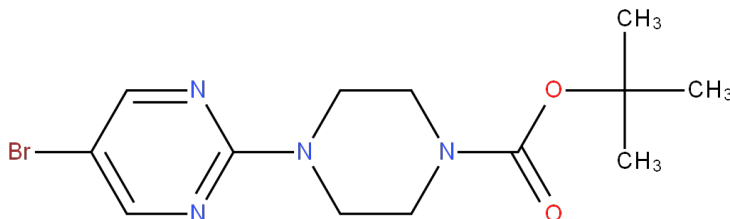




## Certificate of Analysis

**Structure:**



**Product Number** BM955  
**Batch Number** M09551703  
**Product Name** 5-Bromo-2-(4-boc-piperazin-1-yl)pyrimidine

**CAS Number** 374930-88-8  
**Molecular Formula** C<sub>13</sub>H<sub>19</sub>BrN<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** 343.219 g / mol

| ANALYSIS                      | SPECIFICATION            | RESULTS     |
|-------------------------------|--------------------------|-------------|
| <b>Appearance</b>             | White to off-white solid | white solid |
| <b>MPt (°C)</b>               | 105-110                  | 108-109     |
| <b>NMR - CDCl<sub>3</sub></b> | >97%                     | >99%        |
| <b>UPLC</b>                   | >97%                     | 99.91       |
| <b>Notes</b>                  |                          |             |
| <b>Storage Conditions</b>     | Store ≤ 25°C             |             |

Prepared by:

*Signature*

Nicholas Spiccia

*Print Name*

26/02/2017

*Date*

Checked by:

*Signature*

Justine Walter

*Print Name*

27/02/2017

*Date*

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