



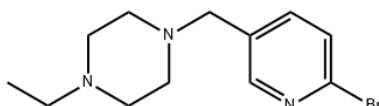
## Certificate of Analysis.

### 1-((6-Bromopyridin-3-yl)methyl)-4-ethylpiperazine.

Product code:	<b>BS16191.</b>
Description:	<b>1-((6-Bromopyridin-3-yl)methyl)-4-ethylpiperazine.</b>
Synonym:	<b>Abemaciclib Impurity 19.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>1231930-25-8</b>
Mol. Weight:	<b>284.2 g/mol.</b>
Mol. Formula:	<b>C<sub>12</sub>H<sub>18</sub>BrN<sub>3</sub></b>
MDL Number:	<b>MFCD25977325.</b>
Boiling Point:	<b>365.4 °C</b>
Density:	<b>1.328 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in methanol.</b>
Storage:	<b>Store at ambient temperature.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	Off-white to light yellow Solid.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure.	<b>Lot specific.</b>
Purity by HPLC:	≥95%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



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