



## Certificate of Analysis.

### 1-Ethyl-4-(pyridin-3-ylmethyl)piperazine.

Product code:	<b>BS16178.</b>
Description:	<b>1-Ethyl-4-(pyridin-3-ylmethyl)piperazine.</b>
Synonym:	<b>Abemaciclib Impurity 3.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>414881-11-1.</b>
Mol. Weight:	<b>205.3 g/mol.</b>
Mol. Formula:	<b>C<sub>12</sub>H<sub>19</sub>N<sub>3</sub>.</b>
MDL Number:	<b>MFCD00976834.</b>
Melting point:	<b>NA.</b>
Boiling Point:	<b>266.8 °C.</b>
Density:	<b>1.0 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in methanol, DMSO.</b>
Storage:	<b>Store at 2-8°C.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	Yellow Liquid.	<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.

