



## Certificate of Analysis.

### 4-Fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazole.

Product code:	<b>BS16180.</b>
Description:	<b>4-Fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazole.</b>
Synonym:	<b>Abemaciclib Impurity 6.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>1528469-78-4.</b>
Mol. Weight:	<b>192.24 g/mol.</b>
Mol. Formula:	<b>C<sub>11</sub>H<sub>13</sub>FN<sub>2</sub>.</b>
MDL Number:	<b>MFCD34470734.</b>
Melting point:	<b>NA.</b>
Boiling Point:	<b>304.8 °C</b>
Density:	<b>1.14 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in DMSO.</b>
Storage:	<b>Store at 2-8°C Refrigerator.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	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.

