



## Certificate of Analysis.

### 1-(3-Fluorophenyl)-2-phenylethan-1-one.

Product code:	<b>BS16333.</b>
Description:	<b>1-(3-Fluorophenyl)-2-phenylethan-1-one.</b>
Synonym:	<b>Atorvastatin Impurity 33, 1-(3-fluorophenyl)-2-phenyl, 1-(3-Fluorophenyl)-2-phenylethanone; 3'-Fluoro-2-phenylacetophenone.</b>
Pack:	<b>100 mg.</b>
CAS NO.:	<b>40281-50-3.</b>
Mol. Weight:	<b>214.2 g/mol.</b>
Mol. Formula:	<b>C<sub>14</sub>H<sub>11</sub>FO.</b>
MDL Number:	<b>MFCD02260663.</b>
Melting point:	<b>68.0 °C.</b>
Boiling Point:	<b>327.4 °C.</b>
Density:	<b>1.152 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in methanol and DMSO.</b>
Storage:	<b>Store at cool &amp; dry place.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	White powder.	<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.

