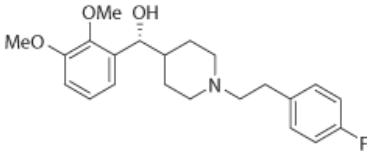


| Catalogue Number | Product   | Order number / Unit  |
|------------------|---|--|
| <b>1850</b>      | <b>MDL100907</b><br><b>Reference standard for [<sup>11</sup>C]MDL100907</b><br><b>Molar Mass:</b> 373.46<br><b>C<sub>22</sub>H<sub>28</sub>FNO<sub>3</sub></b><br>[139290-65-6]<br>Colourless oil or solid packaged in dark glass screw cap vials.<br><b>Purity:</b> > 95 %<br><b>Certificates:</b><br>CoA; <sup>1</sup> H and <sup>19</sup> F NMR spectra; optical rotation<br><b>Chemical Name:</b><br>CA index name: 4-Piperidinemethanol, 1-[2-(4-fluorophenyl)ethyl]-α-(2,3-dimethoxyphenyl)-, (R)<br><b>Synonymes:</b><br>(R)-(+)-α-(2,3-Dimethoxyphenyl)-1-[2-(4-fluoro-phenyl)ethyl]-4-piperidine-methanol<br><b>Literature:</b><br>Ullrich T. et al. A practical synthesis of the serotonin 5-HT <sub>2a</sub> receptor antagonist MDL100907, its enantiomers and their 3-phenolic derivatives as precursors for [ <sup>11</sup> C]labelled PET ligands. <i>Bioorg. Med. Chem.</i> 2000, 8, 2427-2432.<br>Huang Y. et al. An efficient synthesis of the precursors of [ <sup>11</sup> C] MDL100907 labeled in two specific positions. <i>J. Labelled Compd. Radiopharm.</i> 1999, 42, 949-957. | <b>1850.0010: 10 mg per vial</b><br><b>Please inquire for customized filling and bulk quantities.</b><br> |

date of product catalogue issue: 10 May 2017