

Catalogue Number	Product	Order number / Unit
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**5166 O-Desmethyl Astemizole****Precursor for [<sup>11</sup>C]Astemizole and [<sup>18</sup>F] Fluoroethyl-astemizole****Molar Mass:** 444.54C<sub>27</sub>H<sub>29</sub>FN<sub>4</sub>O

[73736-50-2]

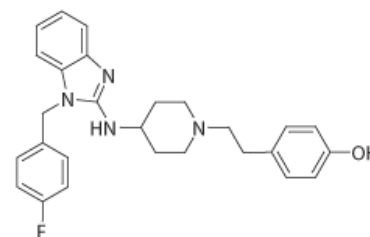
Colourless to off-white solid packaged in dark glass screw cap vials or dark glass crimp cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra**Chemical Name:**

4-[2-[4-[[1-(4-Fluorophenyl)methyl]-1H-benzimidazol-2-yl]amino]-1-piperidinyl]ethyl phenol

**Synonymes:**O-desmethylastemizole; 4-(2-{4-[1-(4-Fluoro-benzyl)-1H-benzoimidazol-2-ylamino]-piperidin-1-yl}-ethyl)-phenol; [<sup>11</sup>C]Astemizole precursor; [<sup>18</sup>F]Astemizole precursor**Literature:**Riss P. J. et al. Radiosynthesis and characterization of astemizole derivatives as lead compounds toward PET imaging of  $\tau$ -pathology. *Med. Chem. Commun.* 2013, 4, 852-855.Cai L. et al. Synthesis of [<sup>11</sup>C]astemizole as a lead candidate radioligand for imaging brain neurofibrillary tangles. *Neuroimage* 2010, 52, Supplement 1, S152-S153

Please inquire for customized filling and bulk quantities.



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