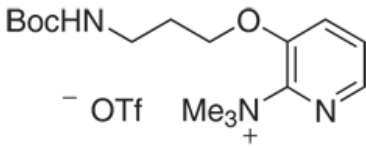


| Catalogue Number | Product  | Order number / Unit  |
|------------------|--|--|
| 4393             | <p><b>Precursor for [<sup>18</sup>F]FPyBrA and [<sup>18</sup>F]FPyME</b></p> <p><b>(2-Bromo-N-[3-(2-[<sup>18</sup>F]fluoropyridin-3-yloxy)propylacetamide) resp. (1-[3-(2-[<sup>18</sup>F]Fluoropyridin-3-yloxy)propyl]pyrrole-2,5-dione)</b></p> <p><b>Molar Mass:</b> 459.48<br/> <math>C_{16}H_{28}N_3O_3 \cdot CF_3O_3S</math><br/>                     [640749-64-0]</p> <p>Colourless to white solid packaged in dark glass screw cap vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b><br/>                     CoA; <sup>1</sup>H NMR spectrum</p> <p><b>Chemical Name:</b><br/>                     CA index name: 2-Pyridinium, 3-[3-[[[(1,1-dimethylethoxy)carbonyl]amino]propoxy]-N,N,N-trimethyl-, 1,1,1-trifluoromethanesulfonate (1:1); 2-Pyridinium, 3-[3-[[[(1,1-dimethylethoxy)carbonyl]amino]propoxy]-N,N,N-trimethyl-, salt with trifluoromethanesulfonic acid (1:1)</p> <p><b>Synonymes:</b><br/>                     FPyBrA Precursor; FPyME Precursor</p> <p><b>Literature:</b></p> <ol style="list-style-type: none"> <li>Dollé F. et al. Fluorine-18-Labeled Phospholipid Quantum Dot Micelles for in Vivo Multimodal Imaging from Whole Body to Cellular Scales. <i>Bioconjugate Chem.</i> 2008, 19, 1921-1926.</li> <li>Dollé F. et al. 1-[3-(2-[<sup>18</sup>F]Fluoropyridin-3-yloxy)propyl]pyrrole-2,5-dione: Design, Synthesis, and Radiosynthesis of a New [<sup>18</sup>F]Fluoropyridine-Based Maleimide Reagent for the Labeling of Peptides and Proteins. <i>Bioconjugate Chem.</i> 2005, 16, 406-420.</li> <li>Dollé F. et al. Design and Synthesis of a New [<sup>18</sup>F]Fluoropyridine-Based Haloacetamide Reagent for the Labeling of Oligonucleotides: 2-Bromo-N-[3-(2-[<sup>18</sup>F]fluoropyridin-3-loxy)propyl]acetamide. <i>Bioconjugate Chem.</i> 2004, 15, 617-627.</li> </ol> | <p>4393.0010: 10 mg per vial<br/>                     4393.0100: 100 mg per vial<br/>                     Please inquire for customized filling and bulk quantities.</p>  |

date of product catalogue issue: 05 April 2012