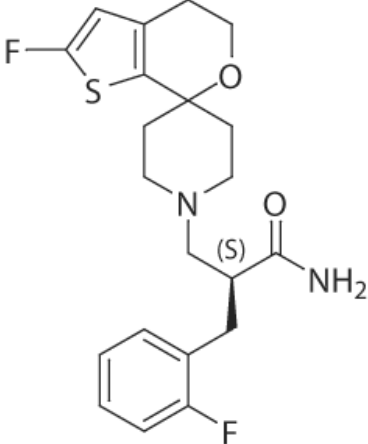


Catalogue Number	Product	Order number / Unit
2450	<p><b>(S)-FPSPPA</b></p> <p><b>Precursor for (S)-[<sup>11</sup>C]-Methyl-FPSPPA</b></p> <p><b>2-[(2-Fluorophenyl)methyl]-3-(2-fluorospiro[4,5-dihydrothieno [2,3-c]pyran-7,40-piperidine]-10-yl) propanamide</b></p> <p><b>Molar Mass:</b> 406.49</p> <p>C<sub>21</sub>H<sub>24</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S</p> <p>[1283095-64-6]</p> <p>White solid packaged in dark glass vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b> CoA; <sup>1</sup>H NMR spectrum</p> <p><b>Chemical Name:</b> Spiro[piperidine-4,7'-[7H]thieno[2,3-c]pyran]-1-propanamide, 2'-fluoro-α-[(2-fluorophenyl)methyl]-4',5'-dihydro-, (αS)-</p> <p><b>Synonyms:</b> (2S)-2-[(2-Fluorophenyl)methyl]-3-(2-fluorospiro[4,5-dihydrothieno [2,3-c]pyran-7,40-piperidine]-10-yl)propanamide</p> <p><b>Literature:</b> Pike V. et al. Synthesis and Evaluation of Radioligands for Imaging Brain Nociceptin/Orphanin FQ Peptide (NOP) Receptors with Positron Emission Tomography, J. Med. Chem. 2011, 54, 2687-2700. Pedregal C. et al. Development of LC-MS/MS-Based Receptor Occupancy Tracers and Positron Emission Tomography Radioligands for the Nociceptin/Orphanin FQ (NOP) Receptor, J. Med. Chem. 2012, 55, 4955-4967. Kimura Y. et al. Brain and Whole-Body Imaging in Rhesus Monkeys of <sup>11</sup>C-NOP-1A, a Promising PET Radioligand for Nociceptin/Orphanin FQ Peptide Receptors, J. Nucl. Med. 2011, 52, 1638-1645.</p>	<p>2450.0100: 100 mg per vial Please inquire for customized filling and bulk quantities.</p>  <p>The chemical structure shows a spiro system consisting of a piperidine ring and a thieno[2,3-c]pyran ring. The piperidine ring is substituted at the 4-position with a propanamide chain. The chiral center at the alpha position of the propanamide chain is labeled (S) and is bonded to a 2-fluorophenylmethyl group. The thieno[2,3-c]pyran ring has a fluorine atom at the 5-position.</p>

date of product catalogue issue: 10 May 2017