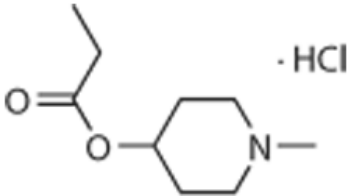


Catalogue Number	Product	Order number / Unit
2140	<b>Propionic acid 1-methyl-piperidin-4-yl ester hydrochloride</b> <b>Reference standard for [<sup>11</sup>C]PMP</b> <b>Molar Mass:</b> 207.7 C <sub>9</sub> H <sub>17</sub> NO <sub>2</sub> · HCl [64219-77-8] Colourless crystals packaged in dark glass screw cap vials. <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index name: 4-Piperidinol, 1-methyl-, propanoate, hydrochloride <b>Synonymes:</b> PMP · HCl <b>Literature:</b> <ol style="list-style-type: none"><li>1. Nguyen T.B. et al. Syntheses of carbon-11 labeled piperidine esters as potential in vivo substrates for acetylcholinesterase. Nucl. Med. Biol. 1998, 25, 761-768.</li><li>2. Iyo M. et al. Measurement of acetylcholinesterase by positron emission tomography in the brains of healthy controls and patients with Alzheimer's disease. Lancet 1997, 349, 1805-1809.</li><li>3. Irie T. et al. Design and Evaluation of Radioactive Acetylcholine Analogs for Mapping Brain Acetylcholinesterase (AChE) In Vivo. Nucl. Med. Biol. 1994, 21, 801-808.</li><li>4. Snyder S.E. et al. Synthesis of 1-[<sup>11</sup>C]Methylpiperidin-4-yl Propionate ([<sup>11</sup>C]PMP) for in Vivo Measurements of Acetylcholin-esterase Activity. Nucl. Med. Biol. 1998, 25, 751-754.</li></ol>	2140.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 05 April 2012