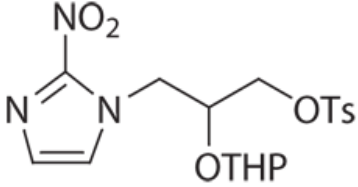


Catalogue Number	Product	Order number / Unit
<b>1400</b>	<b>NITTP</b> <b>Precursor for [<sup>18</sup>F]FMISO</b> <b>([<sup>18</sup>F]Fluoromisonidazole)</b>  <b>Molar Mass:</b> 425.46 <b>C<sub>18</sub>H<sub>23</sub>N<sub>3</sub>O<sub>7</sub>S</b> <b>[150196-34-2]</b>  White to yellowish solid packaged in dark glass crimp cap vials.  Remark: Product consists of diastereomers of varying proportions without affecting product quality  <b>Purity:</b> > 95 %  <b>Certificates:</b> CoA; <sup>1</sup> H and <sup>13</sup> C NMR spectra  <b>Chemical Name:</b> CA index name: 1H-imidazole-1-propanol, 2-nitro-β-[(tetrahydro-2H-pyran-2-yl)oxy]-, 4-methylbenzenesulfonate (ester)  <b>Synonymes:</b> 1-(2'-Nitro-1'-imidazolyl)-2-O-tetrahydropyranyl-3-O-toluenesulfonyl-propanediol; 3-(2-Nitroimidazol-1-yl)-2-O-tetrahydropyranyl-1-O-toluenesulfonylpropanediol  <b>Literature:</b> 1. Oh S.J. et al. Fully automated synthesis of [ <sup>18</sup> F]fluoromisonidazole using a conventional [ <sup>18</sup> F]FDG module. Nucl. Med. Biol. 2005, 32, 899-905. 2. Lim J. et al. An efficient radiosynthesis of [ <sup>18</sup> F]Fluoromisonidazole. Appl. Radiat. Isot. 1993, 44, 1085-1091. 3. Martin G.V. et al. Noninvasive detection of hypoxic myocardium using ( <sup>18</sup> F)Fluoromisonidazole and positron emission tomography. J. Nucl. Med. 1992, 33, 2202-2208. 4. Rasey J.S. et al. Radiolabeled fluoromisoindazole as an imaging agent for tumor hypoxia. Int. J. Radiat. Oncol. Biol. Phys. 1989, 17, 985-991.	<b>1400.0005: 5 mg per vial</b> <b>1400.0010: 10 mg per vial</b> <b>Please inquire for customized filling and bulk quantities.</b>  

date of product catalogue issue: 05 April 2012