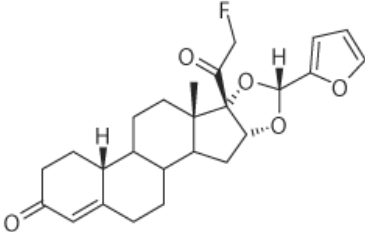


Catalogue Number	Product	Order number / Unit
1928	<p><b>FFNP standard</b></p> <p>Reference standard for [<sup>18</sup>F]FFNP ([<sup>18</sup>F]Fluoro furanyl norprogesterone)</p> <p><b>Molar Mass:</b> 428.49 C<sub>25</sub>H<sub>29</sub>FO<sub>5</sub> [160388-33-0]</p> <p>Colourless to off-white solid packaged in dark glass crimp cap vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b> CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra</p> <p><b>Chemical Name:</b> CA index name: 19-Norpregn-4-ene-3,20-dione, 21-fluoro-16,17-[[<sup>(R)</sup>-2-furanylmethylene]bis(oxy)]-, (16<math>\alpha</math>)-</p> <p><b>Synonymes:</b> 21-Fluoro-16<math>\alpha</math>,17<math>\alpha</math>-[[<sup>(R)</sup>-(1'-<math>\alpha</math>-furylmethylidene)dioxy]-19-norpregn-4-ene-3,20-dione; Fluoro Furanyl Norprogesterone; 16<math>\alpha</math>,17<math>\alpha</math>-[[<sup>(R)</sup>-(1'-<math>\alpha</math>-Furylmethylidene)dioxy]-21[fluoro]-oxy-19-norpregn-4-ene-3,20-dione; fluoro-19-norprogesterone-16<math>\alpha</math>,17<math>\alpha</math>-endo-furanyl acetal; 21-fluorofuranyl-norprogesterone; 19-Norpregn-4-ene-3,20-dione, 21-fluoro-16,17-[(2-furanylmethylene)bis(oxy)]-, [16<math>\alpha</math>(R)]-; FFNP; [<sup>18</sup>F]FFNP standard</p> <p><b>Literature:</b> Zhou D. et al. Optimization of the preparation of fluorine-18-labeled steroid receptor ligands 16<math>\alpha</math>-[<sup>18</sup>F]fluoroestradiol (FES), [<sup>18</sup>F]fluoro furanylnorprogesterone (FFNP), and 16<math>\beta</math>-[<sup>18</sup>F]fluoro-5<math>\alpha</math>-dihydrotestosterone (FDHT) as radiopharmaceuticals. J. Label. Compd. Radiopharm. 2014, 5, 371-377. Vijaykumar D. et al. An Efficient Route for the Preparation of a 21-Fluoro Progestin-16<math>\alpha</math>,17<math>\alpha</math>-Dioxolane, a High-Affinity Ligand for PET Imaging of the Progesterone Receptor. J. Org. Chem. 2002, 67, 4904-4910. Buckman B.O. et al. Fluorine-18-Labeled Progestin 16<math>\alpha</math>,17<math>\alpha</math>-Dioxolanes: Development of High-Affinity Ligands for the Progesterone Receptor with High in Vivo Target Site Selectivity. J. Med. Chem. 1995, 38, 328-337.</p>	<p>1928.0010: 10 mg per vial Please inquire for customized filling and bulk quantities.</p> 

date of product catalogue issue: 10 May 2017