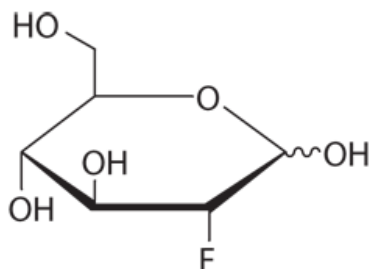


Catalogue Number	Product	Order number / Unit
<b>1100</b>	<b>FDG</b> <b>Reference standard for [<sup>18</sup>F]FDG</b> <b>(2-[<sup>18</sup>F]Fluoro-2-deoxy-D-glucose)</b>  <b>Molar Mass:</b> 182.15 $C_6H_{11}FO_5$  [86783-82-6] (cyclic form) [29702-43-0] (aldehyde form)  Colourless solid packaged in dark glass screw cap vials.  <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H and <sup>19</sup> F NMR spectra <b>Chemical Name:</b> CA index name: D-Glucopyranose, 2-deoxy-2-fluoro- <b>Synonymes:</b> 2-Deoxy-2-fluoro-D-glucose, 2-Deoxy-fluoro-glucose; FDG; Fludeoxyglucose <b>Literature:</b> 1. Hamacher K. et al. Efficient stereospecific synthesis of no-carrier-added 2-[ <sup>18</sup> F]fluoro-2-deoxy-D-glucose using aminopolyether supported nucleophilic substitution. J. Nucl. Med. 1986, 27, 235-38. 2. Padgett H.C. et al. Computer-controlled radiochemical synthesis: a chemistry process control unit for the automated production of radiochemicals. Appl. Radiat. Isot. 1989, 40, 433-45. 3. Tóth G. et al. Synthesis of 2-deoxy-2-[ <sup>18</sup> F]Fluoro-D-glucose and its precursors for human diagnostics. Izotóptechnika, Diagnosztika 1992, 35, 65-72. 4. Füchtner F. et al. Basic Hydrolysis of 2-[ <sup>18</sup> F]Fluoro-1,3,4,6-tetra-O-acetyl-D-glucose in the Preparation of 2-[ <sup>18</sup> F]Fluoro-D-glucose. Appl. Radiat. Isot. 1996, 47, 61-66.	1100.0010: 10 mg per vial 1100.0020: 20 mg per vial 1100.0100: 100 mg per vial Please inquire for customized filling and bulk quantities.  

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