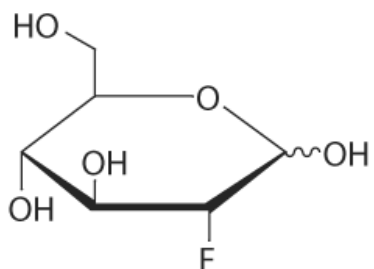


Catalogue Number	Product	Order number / Unit
1100	FDG Reference standard for [¹⁸F]FDG (2-[¹⁸F]Fluoro-2-deoxy-D-glucose) Molar Mass: 182.15 $C_6H_{11}FO_5$ [86783-82-6] (cyclic form) [29702-43-0] (aldehyde form) Colourless solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra Chemical Name: CA index name: D-Glucopyranose, 2-deoxy-2-fluoro- Synonymes: 2-Deoxy-2-fluoro-D-glucose, 2-Deoxy-fluoro-glucose; Fludeoxyglucose Literature: Hamacher K. et al. Efficient stereospecific synthesis of no-carrier-added 2-[¹⁸ F]fluoro-2-deoxy-D-glucose using aminopolyether supported nucleophilic substitution. <i>J. Nucl. Med.</i> 1986, 27, 235-238. Padgett H.C. et al. Computer-controlled radiochemical synthesis: a chemistry process control unit for the automated production of radiochemicals. <i>Appl. Radiat. Isot.</i> 1989, 40, 433-45. Tóth G. et al. Synthesis of 2-deoxy-2-[¹⁸ F]Fluoro-D-glucose and its precursors for human diagnostics. <i>Izotóptechnika, Diagnosztika</i> 1992, 35, 65-72. Füchtner F. et al. Basic Hydrolysis of 2-[¹⁸ F]Fluoro-1,3,4,6-tetra-O-acetyl-D-glucose in the Preparation of 2-[¹⁸ F]Fluoro-D-glucose. <i>Appl. Radiat. Isot.</i> 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. 

date of product catalogue issue: 10 May 2017