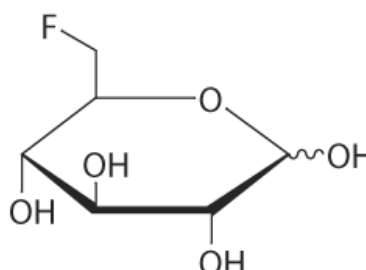


Catalogue Number	Product	Order number / Unit
1108	<p>6-Deoxy-6-fluoro-D-glucopyranose</p> <p>Reference standard for 6-[¹⁸F]Fluoro-6-deoxy-D-glucose</p> <p>Molar Mass: 182.15</p> <p>C₆H₁₁FO₅</p> <p>[34168-77-9] pyranoside [4536-08-7] open-chain</p> <p>Colourless or nearly colourless solid packaged in dark glass screw cap vials.</p> <p>Purity: > 95 %</p> <p>Certificates: CoA; ¹H, ¹³C and ¹⁹F NMR spectra</p> <p>Chemical Name: CA index name: D-glucopyranose, 6-deoxy-6-fluoro-</p> <p>Synonymes: 6-Deoxy-6-fluoro-D-glucose; 6-Deoxy-6-fluoro-D-glucopyranose; 6-FDG</p> <p>Literature: Neal T.R. et al. Synthesis of [¹⁸F]-6-deoxy-6-fluoro-D-glucose ([¹⁸F]6-FDG), a potential tracer of glucose transport. J. Labelled. Compds. Radiopharm. 2005, 48, 845-854. Spring-Robinson C. et al. Uptake of 18F-labeled 6-fluoro-6-deoxy-D-glucose by skeletal muscle is responsive to insulin stimulation. J. Nucl.Med. 2009, 50, 912-919.</p>	<p>1108.0010: 10 mg per vial Please inquire for customized filling and bulk quantities.</p>  <p>The image shows the chemical structure of 6-Deoxy-6-fluoro-D-glucopyranose in its pyranose ring form. The structure is a six-membered ring with an oxygen atom at the top right. The carbons are numbered 1 to 5. Carbon 1 has a hydroxyl group (OH) pointing down. Carbon 2 has a hydroxyl group (OH) pointing up. Carbon 3 has a hydroxyl group (OH) pointing down. Carbon 4 has a hydroxyl group (OH) pointing up. Carbon 5 has a hydroxyl group (OH) pointing down. Carbon 6 is attached to the ring at the top left and has a fluorine atom (F) pointing up.</p>

date of product catalogue issue: 10 May 2017