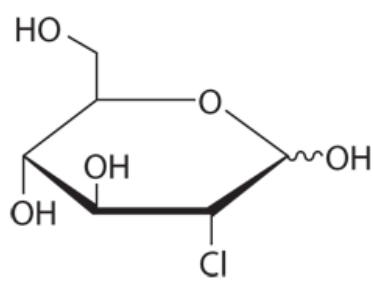


Catalogue Number	Product	Order number / Unit
1110	<p>CIDG</p> <p>Reference standard for byproduct of [¹⁸F]FDG synthesis (2-[¹⁸F]Fluoro-2-deoxy-D-glucose)</p> <p>Molar Mass: 198.6 C₆H₁₁ClO₅ [14685-79-1]</p> <p>Nearly colourless solid (hygroscopic) packaged in dark glass screw cap vials.</p> <p>Purity: > 95 %</p> <p>Certificates: CoA; ¹H and ¹³C NMR spectra</p> <p>Chemical Name: CA index name: D-Glucose, 2-chloro-2-deoxy-</p> <p>Synonymes: 2-Chloro-2-deoxy-D-glucose; 2-Chloro-DG; CIDG ; 2-CIDG</p> <p>Literature:</p> <ol style="list-style-type: none">Alexoff D.L. et al. Ion chromatographic analysis of high specific activity [¹⁸F]FDG preparations and detection of the chemical impurity 2-deoxy-2-chloro-D-glucose. Appl. Radiat. Isot. 1992, 43, 1313-1322.Colville C.A. et al. Analysis of the structural requirements of sugar binding to the liver, brain and insulin-responsive glucose transporters expressed in oocytes. Biochem. J. 1993, 294, 753-760.	<p>1110.0010: 10 mg per vial 1110.0020: 20 mg per vial Please inquire for customized filling and bulk quantities.</p> 

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