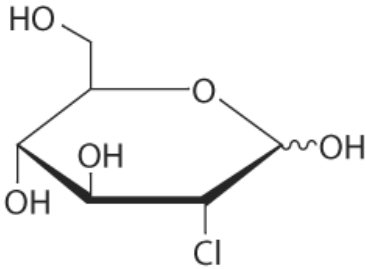


| Catalogue Number | Product | Order number / Unit |
|------------------|---|---|
| 1110 | CIDG Reference standard for byproduct of [¹⁸F]FDG synthesis (2-[¹⁸F]Fluoro-2-deoxy-D-glucose) Caution, hygroscopic! Molar Mass: 198.6 C ₆ H ₁₁ ClO ₅ [14685-79-1] Colourless to nearly colourless solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹³ C NMR spectra Chemical Name: CA index name: D-Glucose, 2-chloro-2-deoxy- Synonymes: 2-Chloro-2-deoxy-D-glucose; 2-Chloro-DG; CIDG; 2-CIDG Literature: Alexoff D.L. et al. Ion chromatographic analysis of high specific activity [¹⁸ F]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. | 1110.0010: 10 mg per vial 1110.0020: 20 mg per vial Please inquire for customized filling and bulk quantities.  |

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