

Catalogue Number	Product	Order number / Unit
1219	FLT Ultra Pure Reference standard for [¹⁸F]FLT (3'-Deoxy-3'-[¹⁸F]fluorothymidine) Molar Mass: 244.22 C ₁₀ H ₁ FN ₂ O ₄ [25526-93-6] Colourless solid packaged in dark glass screw cap vials. Purity: > 99 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra; HPLC Chemical Name: CA index name: Thymidine, 3'-deoxy-3'-fluoro- Synonymes: 1-(3'-Deoxy-3'-fluoro-β-D-pentofuranosyl)thymine; 3'-Deoxy-3'-fluorothymidine; 3'-Fluorodeoxythymidine; 3'-Fluorothymidine; Alovudine; CL 184824; 3'-Fluoro-3'-deoxythymidine Literature: Eisenhut M. et al. Synthesis of 3'-deoxy-3'-[¹⁸ F]fluorothymidine with 2,3'-anhydro-5'-O-(4,4'-dimethoxytrityl)-thymidine. J. Labelled Compd. Radiopharm. 2000, 43, 1211-1218. Machulla H.J. et al. Simplified labelling approach for synthesizing 3'-deoxy-3'-[¹⁸ F]fluorothymidine ([¹⁸ F]FLT). J. Radioanal. Nucl. Chem. 2000, 243, 843-846.	1219.0005: 5 mg per vial 1219.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 