

Catalogue Number	Product	Order number / Unit
1261	<p>3-N-Boc-5'-O-dimethoxytrityl-3'-fluorothymidine</p> <p>Reference standard for byproduct of [¹⁸F]FLT synthesis</p> <p>Molar Mass: 646.7 C₃₆H₃₉FN₂O₈ [138685-99-1]</p> <p>Colourless solid packaged in dark glass screw cap vials.</p> <p>Purity: > 95 %</p> <p>Certificates: CoA; ¹H and ¹⁹F NMR spectrum</p> <p>Chemical Name: CA index name: 2,4(1H,3H)-Pyrimidinedione, 1-[2-deoxy-3-O-[(2,2-dimethyl-1-oxopropoxy)methyl]-2-fluoro-5-O-[(4-methoxyphenyl)diphenylmethyl]-β-D-arabinofuranosyl]-5-methyl-</p> <p>Synonymes: 3-N-Boc-1-[5-O-(4,4'-dimethoxytrityl)-3-fluoro-2-deoxy-β-D-lyxofuranosyl]thymidine; 1-(2'-Deoxy-3'-fluoro-5'-O-(4,4'-dimethoxytrityl)-β-D-threo-pentafuranosyl)-3-(tert-butyloxycarbonyl)thymine; 1(2H)-Pyrimidinecarboxylic acid, 3-[2-deoxy-3-fluoro-5-O-(triphenylmethyl)-β-D-threo-pentofuranosyl]-3,6-dihydro-5-methyl-2,6-dioxo-, 1,1-dimethylethyl ester; protected FLT; Boc-protected FLT, Boc-protected Fluorothymidine</p> <p>Literature: 1. Mosdzianowski C. et al. Automated FLT Synthesis Using 3-N-Boc-1-(5-O-4,4'-dimethoxytrityl)-3-O-nosyl-2-deoxy-beta-D-lyxofuranosyl)-thymine as Precursor. Eur. J. Nucl. Med. 2001, 28, 1228. 2. Eisenhut M. et al. A new precursor for the radiosynthesis of [¹⁸F]FLT. Nucl. Med. Biol. 2002, 29, 263-273.</p>	<p>1261.0005: 5 mg per vial 1261.0010: 10 mg per vial Please inquire for customized filling and bulk quantities.</p> 