

Catalogue Number	Product	Order number / Unit
1240	<p>3-N-Boc-5'-O-dimethoxytrityl-3'-O-nosyl-thymidine</p> <p>Precursor for [¹⁸F]FLT (3'-Deoxy-3'-[¹⁸F]fluorothymidine)</p> <p>Sold under license for patent EP1355915</p> <p>Molar Mass: 829.87</p> <p>C₄₂H₄₃N₃O₁₃S</p> <p>[444717-23-1]</p> <p>Yellowish solid packaged in dark glass crimp cap vials.</p> <p>Purity: > 95 %</p> <p>Certificates: CoA; ¹H NMR spectrum</p> <p>Chemical Name: CA index name: 1(2H)-Pyrimidinecarboxylic acid, 3-[2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-5-O-(triphenylmethyl)-β-D-threo-pentofuranosyl]-3,6-dihydro-5-methyl-2,6-dioxo-, 1,1-dimethylethyl ester</p> <p>Synonymes: 3-N-Boc-5'-O-dimethoxytrityl-3'-O-nosyl-thymidine; 3-N-Boc-1-[5-O-(4,4'-dimethoxytrityl)-3-O-nitrophenylsulfonyl-2-deoxy-β-D-lyxofuranosyl]thymidine; 1-(2'-Deoxy-3'-O-(4-nitrobenzenesulfonyl)-5'-O-(4,4'-dimethoxytrityl)-β-D-threo-pentafuranosyl)-3-(tert-butyloxycarbonyl)thymine; Boc-FLT-Precursor; Boc-FLT</p> <p>Literature: Mosdzianowski C. et al. Automated FLT Synthesis Using 3-N-Boc-1-(5-O-4,4'-dimethoxytrityl)-3-O-nosyl-2-deoxy-β-D-lyxofuranosyl)-thymine as Precursor. Eur. J. Nucl. Med. 2001, 28, 1228. Eisenhut M. et al. A new precursor for the radiosynthesis of [¹⁸F]FLT. Nucl. Med. Biol. 2002, 29, 263-273.</p>	<p>1240.0010: 10 mg per vial 1240.0020: 20 mg per vial 1240.0025: 25 mg per vial 1240.0030: 30 mg per vial 1240.0040: 40 mg per vial Please inquire for customized filling and bulk quantities.</p> 