

Catalogue Number	Product	Order number / Unit
1190	<p>DMTr-Nosyl-lyxothymidine</p> <p>Precursor for [¹⁸F]FLT (3'-Deoxy-3'-[¹⁸F]fluorothymidine)</p> <p>Molar Mass: 729.75</p> <p>C₃₇H₃₅N₃O₁₁S</p> <p>[444717-20-8]</p> <p>Yellowish amorphous solid packaged in dark glass crimp cap vials.</p> <p>Purity: > 90 %</p> <p>Certificates: CoA; ¹H NMR spectrum</p> <p>Chemical Name: CA index name: 2,4(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-β-D-threo-pentofuranosyl]-5-methyl-</p> <p>Synonymes: 1-[5-O-(4,4'-Dimethoxytrityl)-3-O-nitrophenylsulfonyl-2-deoxy-β-D-lyxofuranosyl]thymine; 5'-O-Dimethoxytrityl-3'-O-nosyl-thymidine; 1-[5-O-(4,4'-Dimethoxytrityl)-3-O-nitrophenylsulfonyl-2-deoxy-β-D-threo-pentofuranosyl]-thymine; 2,4(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-β-D-threo-pentofuranosyl]-5-methyl-; DMTr-Nosyl-lyxothymidine; Non-Boc-FLT</p> <p>Literature:</p> <ol style="list-style-type: none"> Oh S.J. et al. High radiochemical yield synthesis of 3'-deoxy-3'-[¹⁸F]Fluorothymidine using (5'-O-dimethoxytrityl-2'-deoxy-3'-O-nosyl-β-D-threo-pentofuranosyl)thymine and its 3-N-BOC-protected analogue as a labeling precursor. Nucl. Med. Biol. 2003, 30, 151-157. Eisenhut M. et al. A new precursor for the radiosynthesis of [¹⁸F]FLT. Nucl. Med. Biol. 2002, 29, 263-273. 	<p>1190.0010: 10 mg per vial 1190.0020: 20 mg per vial 1190.0025: 25 mg per vial 1190.0030: 30 mg per vial 1190.0040: 40 mg per vial Please inquire for customized filling and bulk quantities.</p> 