

Catalogue Number	Product	Order number / Unit
1180	DMTr-lyxothymidine Precursor for [¹⁸F]FLT (3'-Deoxy-3'-[¹⁸F]fluorothymidine) Molar Mass: 544.6 $C_{31}H_{32}N_2O_7$ [112501-53-8] Colourless amorphous solid packaged in dark glass crimp cap vials. Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: 2,4(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-β-D-threo-pentofuranosyl]-5-methyl- Synonymes: 1-[5-O-(4,4'-Dimethoxytrityl)-2-deoxy-β-D-threo-pentofuranosyl]-thymine; DMTr-lyxothymidine; 2,4(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-β-D-threo-pentofuranosyl]-5-methyl-; 1-[5-O-[Bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-D-threo-pentofuranosyl]-5-methyl-2,4(1H,3H)pyrimidinedione; 5'-O-(4,4'-Dimethoxytrityl)-3'-hydroxythymidine Literature: Eisenhut M. et al. A new precursor for the radiosynthesis of [¹⁸ F]FLT. Nucl. Med. Biol. 2002, 29, 263-273.	1180.0010: 10 mg per vial 1180.0020: 20 mg per vial 1180.0025: 25 mg per vial 1180.0030: 30 mg per vial 1180.0040: 40 mg per vial Please inquire for customized filling and bulk quantities.

