

Catalogue Number	Product	Order number / Unit
<b>1180</b>	<b>DMTr-lyxothymidine</b> <b>Precursor for [<sup>18</sup>F]FLT</b> <b>(3'-Deoxy-3'-[<sup>18</sup>F]fluorothymidine)</b> <b>Molar Mass:</b> 544.6 $C_{31}H_{32}N_2O_7$ [112501-53-8] Colourless amorphous solid packaged in dark glass crimp cap vials. <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index name: 2,4(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxyphenyl)phenylmethyl]-2-deoxy-β-D-threo-pentofuranosyl]-5-methyl- <b>Synonymes:</b> 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 <b>Literature:</b> 1. Eisenhut M. et al. A new precursor for the radiosynthesis of [ <sup>18</sup> 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.

