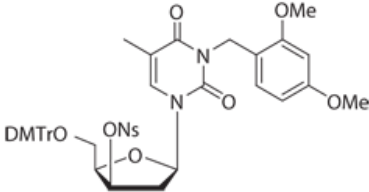


Catalogue Number	Product	Order number / Unit
1200	Dimethoxybenzyl-FLT-precursor Precursor for [¹⁸F]FLT (3'-Deoxy-3'-[¹⁸F]fluorothymidine) Molar Mass: 879.93 C₄₆H₄₅N₃O₁₃S [290371-75-4] Yellowish to orange foam packaged in dark glass crimp cap vials. Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: 2,4-(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxy-phenyl)phenylmethyl]-2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-β-D-threo-pentofuranosyl]-3-[(2,4-dimethoxyphenyl)methyl]-5-methyl- Synonymes: 3-N-(2,4-Dimethoxybenzyl)-1-[5-O-(4,4'-dimethoxytrityl)-3-O-nitrophenylsulfonyl]-2-deoxy-β-D-lyxofuranosyl]thymidine; N-(2,4-Dimethoxybenzyl)-5'-O-dimethoxytrityl-3'-O-nosyl-thymidine; 2,4-(1H,3H)-Pyrimidinedione, 1-[5-O-[bis(4-methoxy-phenyl)phenylmethyl]-2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-β-D-threo-pentofuranosyl]-3-[(2,4-dimethoxyphenyl)methyl]-5-methyl-; Dimethylbenzyl-FLT-precursor Literature: 1. Shields A.F. et al. Imaging proliferation in vivo with [¹⁸ F]FLT and positron emission tomography. <i>Nature Medicine</i> 1998, 4, 1334-1336. 2. Grierson J.R. et al. Developments in the radiosynthesis of [¹⁸ F]FLT. <i>J. Nucl. Med.</i> 1998, 39, Proceedings of the 45th Annual Meeting, Toronto, Ontario, Canada; 22 P. No. 76. 3. Grierson J.R. et al. An improved radiosynthesis of [¹⁸ F]FLT. <i>J. Labelled Compd. Radiopharm.</i> 1999, 42, Suppl. 1, S525. 4. Grierson J.R. et al. Radiosynthesis of 3'-deoxy-3'-[¹⁸ F]fluoro-thymidine: [¹⁸ F]FLT for imaging of cellular proliferation in vivo. <i>Nucl. Med. Biol.</i> 2000, 27, 143-156.	1200.0010: 10 mg per vial 1200.0025: 25 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 22 December 2010