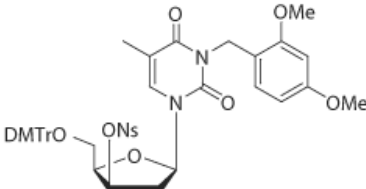


Catalogue Number	Product	Order number / Unit
<b>1200</b>	<p><b>Dimethoxybenzyl-FLT precursor</b></p> <p>Precursor for [<sup>18</sup>F]FLT (3'-Deoxy-3'-[<sup>18</sup>F]fluorothymidine)</p> <p><b>Molar Mass:</b> 879.93 C<sub>46</sub>H<sub>45</sub>N<sub>3</sub>O<sub>13</sub>S [290371-75-4]</p> <p>Yellowish to yellow solid packaged in dark glass crimp cap vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b> CoA; <sup>1</sup>H NMR spectrum</p> <p><b>Chemical Name:</b> 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-</p> <p><b>Synonymes:</b> 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-</p> <p><b>Literature:</b> Shields A.F. et al. Imaging proliferation in vivo with [<sup>18</sup>F]FLT and positron emission tomography. Nature Medicine 1998, 4, 1334-1336. Grierson J.R. et al. Developments in the radiosynthesis of [<sup>18</sup>F]FLT. J. Nucl. Med. 1998, 39, Proceedings of the 45th Annual Meeting, Toronto, Ontario, Canada; 22 P. No. 76. Grierson J.R. et al. An improved radiosynthesis of [<sup>18</sup>F]FLT. J. Labelled Compd. Radiopharm. 1999, 42, Suppl. 1, S525. Grierson J.R. et al. Radiosynthesis of 3'-deoxy-3'-[<sup>18</sup>F]fluoro-thymidine: [<sup>18</sup>F]FLT for imaging of cellular proliferation in vivo. Nucl. Med. Biol. 2000, 27, 143-156.</p>	<p>1200.0010: 10 mg per vial 1200.0025: 25 mg per vial Please inquire for customized filling and bulk quantities.</p> 

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