

Catalogue Number	Product	Order number / Unit
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**2954 2',3'-Didehydro-3'-deoxythymidine**

Reference standard for byproduct of [<sup>18</sup>F]FLT synthesis  
(3'-Deoxy-3'-[<sup>18</sup>F]fluorothymidine)

**Molar Mass:** 224.21

C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>

[3056-17-5]

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H NMR spectrum

**Chemical Name:**

CA index name: Thymidine, 2', 3'-didehydro-3'-deoxy-

**Synonymes:**

3'-Deoxy-2',3'-didehydrothymidine; 3'-deoxythymidin-2'-ene; 1-((2R,5S)-5-Hydroxymethyl-2,5-dihydro-furan-2-yl)-5-methyl-1H-pyrimidine-2,4-dione; 1-[2,3-dideoxy-β-D-glycero-pent-2-enofuranosyl]thymine; BMY 27857; D 4T; D4T (nucleoside); NSC 163661; Sanilvudine; Stavir; Stavudine; Zerit

**Literature:**

1. Cleij M.C. et al. An improved synthesis of 3'-Deoxy-3'-[<sup>18</sup>F]Fluorothymidine ([<sup>18</sup>F]FLT) and the fate of the precursor, 2,3'-Anhydro-5-O-(4,4'-dimethoxytrityl)-thymidine. J. Labelled Compd. Radiopharm. 44, Suppl. 1, 2001, 871-873.

2954.0010: 10 mg per vial  
Please inquire for customized filling and bulk quantities.

