

Catalogue Number	Product	Order number / Unit
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1220 3'-Fluoro-thymidine (FLT)

Reference standard for [¹⁸F]FLT
(3'-Deoxy-3'-[¹⁸F]fluorothymidine)

Molar Mass: 244.22

C₁₀H₁₃FN₂O₄

[25526-93-6]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

CA index name: Thymidine, 3'-deoxy-3'-fluoro-

Synonymes:

1-(3'-Deoxy-3'-fluoro-β-D-pentofuranosyl)thymine; 3'-Deoxy-3'-fluorothymidine; 3'-Fluorodeoxythymidine; 3'-Fluorothymidine; Alovudine; CL 184824; 3'-Fluoro-3'-deoxythymidine; FLT

Literature:

1. Eisenhut M. et al. Synthesis of 3'-deoxy-3'-[¹⁸F]fluorothymidine with 2,3'-anhydro-5'-O-(4,4'-dimethoxytrityl)-thymidine. J. Labelled Compds. Radiopharm. 2000, 43, 1211-1218.

1220.0010: 10 mg per vial
1220.0020: 20 mg per vial
1220.0050: 50 mg per vial
1220.0100: 100 mg per vial
Please inquire for customized filling and bulk quantities.

