

Catalogue Number	Product	Order number / Unit
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1119 MBBTG
Precursor for [¹⁸F]FDM
(2-[¹⁸F]Fluoro-2-deoxy-D-mannose)

Molar Mass: 504.47

C₂₂H₂₃F₃O₈S

[107794-71-8]

Colourless powder packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

CA index name: beta-D-Glucopyranoside, methyl 3-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]-, trifluoromethanesulfonate

Synonymes:

β-D-Glucopyranoside, methyl 3-O-(phenylmethyl)-4,6-O-(phenylmethylene)-, trifluoromethanesulfonate, (R)-; Pyrano[3,2-d]-1,3-dioxin, β-D-glucopyranoside deriv.; Methyl 3-O-(phenylmethyl)-4,6-O-[(R)-phenylmethylene]-2-O-trifluoromethanesulfonyl-β-D-glucopyranoside; Methyl 3-O-benzyl-4,6-O-benzylidene-2-O-trifluoromethanesulfonyl-β-D-glucopyranoside, MBBTG

Literature:

1. Luxen A. et al. Stereospecific Approach to the Synthesis of [¹⁸F]-2-Deoxy-2-Fluoro-D-Mannose. Int. J. Radiat. Appl. Instrum. Part A, Appl. Radiat. Isot. 1986, 37, 409-413.

1119.0010: 10 mg per vial
1119.0020: 20 mg per vial
Please inquire for customized filling and bulk quantities.

