

Catalogue Number	Product	Order number / Unit
------------------	---------	---------------------

1109 6-FDG Precursor
Precursor for 6-[¹⁸F]FDG
(6-[¹⁸F]Fluoro-6-deoxy-D-glucose)

Molar Mass: 462.51

C₂₃H₂₆O₈S

[899808-81-2]

Colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹³C NMR spectra

Chemical Name:

CA index name: 3,5-O-Benzylidene-1,2-O-isopropylidene-6-O-tosyl- α -D-glucopyranose

Synonyms:

α -D-Glucopyranose, 1,2-O-(1-methylethylidene)-3,5-O-[(S)-phenylmethylene]-, 4-methylbenzenesulfonate

Literature:

1. Blakely R.L. et al. 6-Fluoro-6-deoxy-D-glucose as a Tracer of Glucose Transport. *Biochem. Preparations* 1960, 7, 39-44.

2. Neal, T. R. et al. Synthesis of [¹⁸F]-6-deoxy-fluoro-D-glucose ([¹⁸F]6-FDG), a potential tracer of glucose transport. *J. Labelled Compd. Radiopharm.* 2005, 48, 845-854.

1109.0010: 10 mg per vial
1109.0020: 20 mg per vial
Please inquire for customized filling and bulk quantities.

