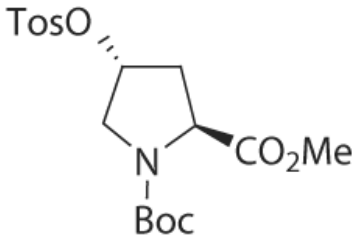
Catalogue Number	Product	Order number / Unit

2300 N-Boc-trans-4-tosyloxy-L-proline methyl ester

2300.0016: 16 mg per vial
Please inquire for customized filling and bulk quantities.



Precursor for cis-4-[^{18}F]Fluoro-L-proline

Molar Mass: 399.45

$C_{18}H_{25}NO_7S$

[88043-21-4]

Colourless crystals packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:
CoA; ^{1}H NMR spectrum

Chemical Name:
CA index name: 1,2-pyrrolidinedicarboxylic acid, 4-(((4-methylphenyl)-sulfonyl(oxyl (-1-(1,1-dimethylethyl)-2-methyl ester, (2S, trans)

Synonymes:
N-tert-butyloxycarbonyl-O-p-toluenesulfonyl-L-proline methyl ester; N-tert-butyloxycarbonyl-trans-4-p-toluylsulfonyloxy-L-proline methyl ester; trans-BTPME

Literature:

Hamacher K. et al. [^{18}F]fluoroproline: A potential tracer for collagen synthesis. Radiosynthesis and biological evaluation. 43rd Annual Meeting of the Society of Nuclear Medicine, Denver, Colorado, USA, June 3-5, 1996. J. Nucl. Med. 1996, 37, 41P.

Jones H. A. et al. External monitoring of ^{18}F-fluoroproline uptake in a rabbit model of pulmonary fibrosis. Annual Congress of the European Respiratory Society, Berlin, Germany, September 20-24, 1977, European Respiratory Journal Supplement. 1977, 10, 323S-324S.

Gupta N. C. et al. Feasibility study for PET imaging of pulmonary fibrosis with cis-4-[^{18}F]fluoro-L-proline (FP). J. Nucl. Med. 1998, 39, Proceedings of the 45th Annual Meeting, Toronto, Ontario, Canada P116-P117.

Mazza S. M. A Semi-Automatic Synthesis of cis-4-[^{18}F]fluoro-L-proline using the General Electric FDG Microlab. J. Nucl. Med. 1998, 39, Proceedings of the 45th Annual Meeting, Toronto, Ontario, Canada P144.

date of product catalogue issue: 10 May 2017