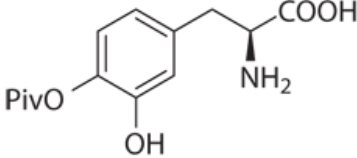


| Catalogue Number | Product  | Order number / Unit   |
|------------------|--|---|
| <b>1330</b>      | <b>4-O-Pivaloyl-L-DOPA</b><br><b>Precursor for 6-[<sup>18</sup>F]Fluoro-L-DOPA</b><br><b>Molar Mass:</b> 281.3<br>$C_{14}H_{19}NO_5$<br>[122551-95-5]<br>Colourless to nearly colourless solid packaged in dark glass crimp cap vials.<br><b>Purity:</b> > 95 %<br><b>Certificates:</b><br>CoA; <sup>1</sup> H NMR spectrum<br><b>Chemical Name:</b><br>CA index name: L-Tyrosine, 3-hydroxy-, 4-(2,2-dimethylpropanoate)<br><b>Synonyms:</b><br>4-O-Pivaloyl-3-hydroxy-L-phenylalanine; L-3-(3-Hydroxy-4-pivaloyloxyphenyl) alanine; PDOPA; PivDOPA<br><b>Literature:</b><br>1. Bodor N. et al. Improved Delivery through Biological Membranes. 4. Prodrugs of L-Dopa. J. Med. Chem. 1977, 20, 1435-1445.<br>2. Ihara M. et al. New Potential Prodrug to Improve the Duration of L-Dopa: L-3-(3-Hydroxy-4-pivaloyloxyphenyl)alanine. J. Pharm. Sci. 1989, 78, 525-529.<br>3. Ishiwata K. et al. Electrophilic Synthesis of 6-[ <sup>18</sup> F]Fluoro-L-DOPA: Use of 4-O-Pivaloyl-L-DOPA as a Suitable Precursor for Routine Production. Appl. Radiat. Isot. 1993, 44, 755-759. | 1330.0015: 15 mg per vial<br>1330.0030: 30 mg per vial<br>Please inquire for customized filling and bulk quantities.<br> |

date of product catalogue issue: 05 April 2012