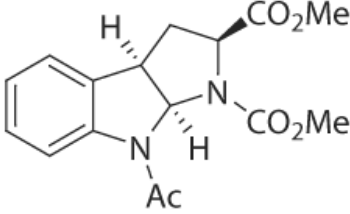


Catalogue Number	Product	Order number / Unit
6500	Dimethyl-8-acetyl-hexahydropyrrolo[2,3]indol-1,2-dicarboxylate Precursor for α-[^{11}C]Methyl-L-tryptophan Molar Mass: 318.32 $\text{C}_{16}\text{H}_{18}\text{N}_2\text{O}_5$ [79465-83-1] Colourless crystals packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ^1H NMR spectrum Chemical Name: CA index name: Pyrrolo[2,3-b]indole-1,2(2H)-dicarboxylic acid, 8-acetyl-3,3a,8,8a-tetrahydro-, dimethyl ester, (2 α ,3a beta,8a beta)- Synonymes: Dimethyl-(2S, 3aR, 8aS)-8-acetyl-1,2,3,3a,8a-hexahydropyrrolo[2,3]indol-1,2-dicarboxylate Literature: Shoaf S. et al. The suitability of [^{11}C]- α -methyl-L-tryptophan as a tracer for serotonin synthesis: studies with dual administration of [^{11}C]- and [^{14}C]-labeled tracer. <i>J. Cereb. Blood Flow Metab.</i> 2000, 20, 244-252. Shoaf S. et al. Brain serotonin synthesis rates in rhesus monkeys determined by [^{11}C]- α -methyl-L-tryptophan and positron emission tomography compared to CSF 5-hydroxyindole-3-acetic acid concentrations. <i>Neuropsychopharmacology</i> 1998, 19, 354-353. Chakraborty P.K. et al. A high-yield and simplified procedure for the synthesis of α -[^{11}C]methyl-L-tryptophan. <i>Nucl. Med. Biol.</i> 1996, 23, 1005-1008. Mzengeza S. et al. Asymmetric radiosynthesis of α -[^{11}C]methyl-L-tryptophan for PET studies. <i>Nucl. Med. Biol.</i> 1995, 22, 303-307.	6500.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 10 May 2017