

Catalogue Number	Product	Order number / Unit
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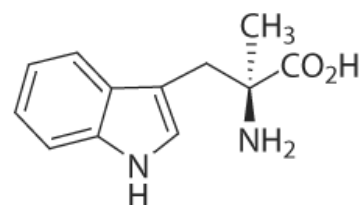
6510 **α -Methyl-L-tryptophan****Reference standard for α -[¹¹C]Methyl-L-tryptophan****Molar Mass:** 218.25C₁₂H₁₄N₂O₂

[16709-25-4]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H NMR spectrum**Chemical Name:**CA index name: L-Tryptophan, α -methyl-**Synonymes:**

n/a

Literature:Shoaf S. et al. The suitability of [¹¹C]- α -methyl-L-tryptophan as a tracer for serotonin synthesis: studies with dual administration of [¹¹C]- and [¹⁴C]-labeled tracer. *J. Cereb. Blood Flow Metab.* 2000, 20, 244-252.Shoaf S. et al. Brain serotonin synthesis rates in rhesus monkeys determined by [¹¹C]- α -methyl-L-tryptophan and positron emission tomography compared to CSF 5-hydroxyindole-3-acetic acid concentrations. *Neuropsychopharmacology* 1998, 19, 354-353.Chakraborty P.K. et al. A high-yield and simplified procedure for the synthesis of α -[¹¹C]methyl-L-tryptophan. *Nucl. Med. Biol.* 1996, 23, 1005-1008.Mzengeza S. et al. Asymmetric radiosynthesis of α -[¹¹C]methyl-L-tryptophan for PET studies. *Nucl. Med. Biol.* 1995, 22, 303-307.**6510.0010: 10 mg per vial**
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 10 May 2017