

Catalogue Number	Product	Order number / Unit
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3190 3-Iodo-alpha-methyl-p-tyrosine

Reference standard for 3-[¹²³I]Iodo- α -methyl-L-tyrosine

Molar Mass: 321.11

C₁₀H₁₂INO₃

[4298-17-3]

Off-white solid packaged in dark glass screw cap vials.

Purity: 95 % (HPLC)

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: L-Tyrosine, 3-iodo- α -methyl-

Synonyms:

L-3-Iodo- α -methyl-p-tyrosine; m-Iodo- α -methyl-L-tyrosine; 3-IMT; 3-IAMT

Literature:

1. Lahoutte T. et al. Increased Tumor Uptake of 3-¹²³I-Iodo-L- α -Methyltyrosine After Preloading with Amino Acids: An In Vivo Animal Imaging Study. J. Nucl. Med. 2002, 43, 1201-1206.
2. Weckesser M. et al. The role of L-3-I-123-iodine- α -methyl tyrosine -SPECT in cerebral gliomas. Nuklearmedizin 2000, 39, 233-240.
3. Stöcklin G. et al. Direct n.c.a. Electrophilic Radioiodination of Tyrosine Analogues; Their in vivo Stability and Brain-Uptake in Mice. Appl. Radiat. Isot. 1994, 45, 929-935.
4. Biersack H.J. et al. Imaging of Brain Tumors with L-3-[¹²³I]Iodo- α -Methyl Tyrosine and SPECT. J. Nucl. Med. 1989, 30, 110-112.

3190.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

