

Catalogue Number	Product	Order number / Unit
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**1369****OMFD****Reference standard for [<sup>18</sup>F]OMFD  
(3-O-Methyl-6-[<sup>18</sup>F]fluoro-L-DOPA)**

Metabolite of 6-Fluoro-L-DOPA

**Molar Mass:** 229.21C<sub>10</sub>H<sub>12</sub>FNO<sub>4</sub>

[114077-01-9]

Colourless to yellowish solid packaged in dark glass screw cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra**Chemical Name:**

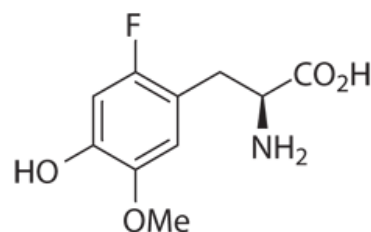
CA index name: L-Tyrosine, 2-fluoro-5-methoxy-

**Synonymes:**

O-Methyl-6-fluorodopa; 3-O-Methyl-6-fluoro-L-DOPA; OMFD

**Literature:**

1. Bergmann et al. 3-O-methyl-6-<sup>18</sup>F-fluoro-L-dopa, a new tumor imaging agent: investigation of transport mechanism in vitro. J. Nucl. Med. 2004, 45, 2116-2222.
2. Füchtner F. et al. Efficient synthesis of the <sup>18</sup>F-labelled 3-O-methyl-6-[<sup>18</sup>F]fluoro-L-DOPA. Appl. Radiat. Isot. 2003, 58, 575-578.
3. Adam M.J. et al. Stereoselective synthesis of 3-O-methyl-6-[<sup>18</sup>F]fluorodopa via fluorodestannylation. J. Labelled Compd. Radiopharm. 1994, 34, 565-570.

**1369.0010: 10 mg per vial  
Please inquire for customized  
filling and bulk quantities.**

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