

Catalogue Number	Product	Order number / Unit
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**4380**

**(-)-McN 5652**

Reference standard for (-)-[<sup>11</sup>C]McN 5652

**Molar Mass:** 681.79

C<sub>19</sub>H<sub>21</sub>NS · C<sub>20</sub>H<sub>18</sub>O<sub>8</sub>

[262352-33-0]

[103729-13-1] (free base)

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H and <sup>13</sup>C NMR spectra

**Chemical Name:**

CA index names: Butanedioic acid, 2,3-bis[(4-methylbenzoyl)oxy]-, (2S,3S)-, compd. with (6R,10bS)-1,2,3,5,6,10b-hexahydro-6-[4-(methylthio)phenyl]pyrrolo[2,1-a]isoquinoline (1:1); Pyrrolo[2,1-a]isoquinoline, 1,2,3,5,6,10b-hexahydro-6-[4-(methylthio)phenyl]-, (6R,10bS)-, (2S,3S)-2,3-bis[(4-methylbenzoyl)oxy] butanedioate (1:1)

**Synonymes:**

Pyrrolo[2,1-a]isoquinoline, 1,2,3,5,6,10b-hexahydro-6-[4-(methylthio)phenyl]-, (6R,10bS)-, (2S,3S)-2,3-di-(O-4-methylphenoxy)butanedioate; (-)-McN 5652, (+)-di-O-toluyltartrate salt

**Literature:**

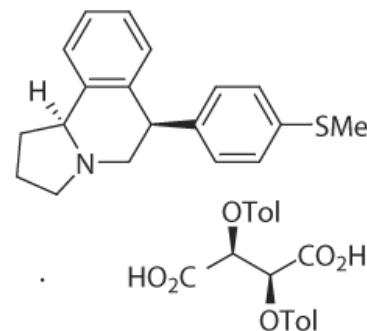
Zessin J. et al. Efficient Synthesis of Enantiomerically Pure Thioester Precursors of [<sup>11</sup>C]MCN-5652 from Racemic MCN-5652. J. Labelled Compd. Radiopharm. 1999, 42, 1301-12.

Parsey R.V. et al. In Vivo Quantification of Brain Serotonin Transporters in Humans Using [<sup>11</sup>C]McN 565J. Nucl. Med. 2000, 41, 1465-1477.

Buck A. et al. Evaluation of Serotonergic Transporters Using PET and [<sup>11</sup>C]McN 5652: Assessment of Methods. J. Cereb. Blood Flow Metab. 2000, 20, 253-262.

Suehiro M. et al. An improved method for the synthesis of radiolabeled McN5652 via thioester precursors. Nucl. Med. Biol. 1995, 22, 543-5.

**4380.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.



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