

Catalogue Number	Product	Order number / Unit
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4380

(-)-McN 5652

Reference standard for (-)-[¹¹C]McN 5652

Molar Mass: 681.79

C₁₉H₂₁NS · C₂₀H₁₈O₈

[262352-33-0]

(-)-McN 5652 free base: [103729-13-1]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹³C 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-methylphenyloxy)butanedioate; (-)-McN 5652, (+)-di-O-toluyltartrate salt

Literature:

1. Zessin J. et al. Efficient Synthesis of Enantiomerically Pure Thioester Precursors of [¹¹C]MCN-5652 from Racemic MCN-5652. J. Labelled Compd. Radiopharm. 1999, 42, 1301-12.
2. Parsey R.V. et al. In Vivo Quantification of Brain Serotonin Transporters in Humans Using [¹¹C]McN 5652. J. Nucl. Med. 2000, 41, 1465-1477.
3. Buck A. et al. Evaluation of Serotonergic Transporters Using PET and [¹¹C]McN 5652: Assessment of Methods. J. Cereb. Blood Flow Metab. 2000, 20, 253-262.
4. 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.

