

Catalogue Number	Product	Order number / Unit
------------------	---------	---------------------

4381 (+)-Fluoromethyl-McN 5652
Reference standard for S-([¹⁸F]Fluoromethyl)-(+)-McN5652

4381.0005: 5 mg per vial
 4381.0010: 10 mg per vial
 Please inquire for customized filling and bulk quantities.

Molar Mass: 699.79

C₁₉H₂₀FNS · C₂₀H₁₈O₈

[432038-21-6] (free base)

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H, ¹³C and ¹⁹F NMR spectra; optical rotation

Chemical Name:

Pyrrolo[2,1-a]isoquinoline, 6-[4-[(fluoromethyl)thio]-phenyl]-1,2,3,5,6,10b-hexahydro-, (6S,10bR)-, (2S,3S)-2,3-di-(O-4-methylphenoxy)butanedioate

Synonyms:

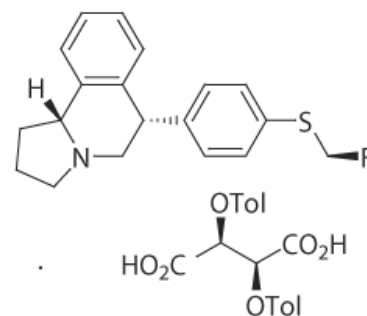
(+)-Fluoromethyl-McN 5652, (-)-di-O-toluytartrate salt

Literature:

Zessin J. et al. Synthesis of S-([¹⁸F]fluoromethyl)-(+)-McN5652 as a potential PET radioligand for the serotonin transporter. Nucl Med Biol. 2001, 28, 857-863.

Solin O. et al. S-[¹⁸F]fluoromethyl-(+)-McN5652, a PET tracer for the serotonin transporter: evaluation in rats. Synapse 2003, 47, 45-53.

Brust P. et al. Positron emission tomography imaging of the serotonin transporter in the pig brain using [¹¹C](+)-McN5652 and S-([¹⁸F]fluoromethyl)-(+)-McN5652. Synapse 2003, 47, 143-151.



date of product catalogue issue: 10 May 2017