

Catalogue Number	Product	Order number / Unit
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4330 AFM-Standard

Reference standard for [¹¹C]AFM and [¹⁸F]AFM
([¹¹C]2-(2-(Dimethylaminomethyl)phenylthio)-5-fluoromethylphenylamine)

Molar Mass: 290.40 (free base)

C₁₆H₁₉FN₂S · x HCl

CAS-RN not yet assigned

AFM free base: [627490-40-8]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 90 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

Benzenemethanamine, 2-[[2-amino-4-(fluoromethyl)phenyl]thio]-N,N-dimethyl-, hydrochloride salt

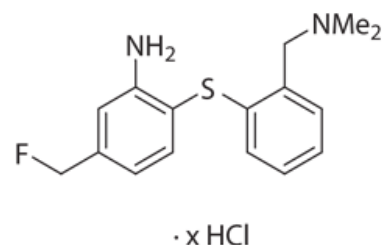
Synonymes:

2-(2-Dimethylaminomethyl-phenylsulfanyl)-5-fluoromethyl-phenylamine hydrochloride salt

Literature:

- Huang Y. et al. Comparative Evaluation in Nonhuman Primates of Five PET Radiotracers for Imaging the Serotonin Transporters: [¹¹C]McN 5652, [¹¹C]ADAM, [¹¹C]DASB, [¹¹C]DAPA, and [¹¹C]AFM. J. Cereb. Blood Flow Metab. 2002, 22, 1377-1398.
- Huang Y. et al. Fluorinated Analogues of ADAM as New PET Radioligands for the Serotonin Transporter : Synthesis and Pharmacological Evaluation. J. Labelled Compd. Radiopharm. 2001, 44, Suppl. 1, S18-S20.
- Oya S. et al. New PET Imaging Agent for the Serotonin Transporter: [¹⁸F]ACF (2-[(2-Amino-4-chloro-5-fluorophenyl)thio]-N,N-dimethyl-benzenemethanamine). J. Med. Chem. 2002, 45, 4716-23.

4330.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



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