

Catalogue Number	Product	Order number / Unit
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4310 DASB

Reference standard for [¹¹C]DASB
([¹¹C]N,N-Dimethyl-2-(2-amino-4-cyanophenylthio)
benzylamine)

Molar Mass: 283.39

C₁₆H₁₇N₃S

[627490-01-1]

Yellowish solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: Benzonitrile, 3-amino-4-[[2-[(dimethylamino)methyl]phenyl]thio]

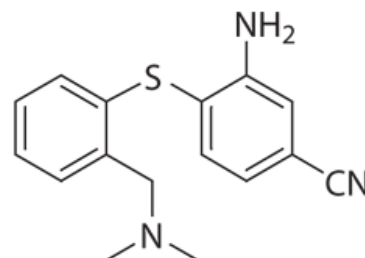
Synonyms:

N,N-Dimethyl-2-(2-amino-4-cyanophenylthio)-benzylamine; 3-Amino-4-(2-dimethylaminomethyl-phenylsulfanyl)-benzonitrile

Literature:

1. Houle S. et al. Imaging the serotonin transporter with positron emission tomography: initial human studies with [¹¹C]DAPP and [¹¹C]DASB. Eur. J. Nucl. Med. 2000, 29, 1719-1722.
2. Wilson A.A. et al. Novel Radiotracers for imaging the serotonin transporter by positron emission tomography: synthesis, radiosynthesis, and in vitro and ex vivo evaluation of ¹¹C-labeled 2-(phenylthio) aralkylamines. J. Med. Chem. 2000, 43, 3103-3110.

4310.0010: 10 mg per vial
Please inquire for customized
filling and bulk quantities.



date of product catalogue issue: 05 April 2012