

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

4300**MASB**

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

Molar Mass: 269.37C₁₅H₁₅N₃S

[296774-10-2]

Off-white to brownish solid packaged in dark glass
crimp cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H NMR spectrum**Chemical Name:**

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

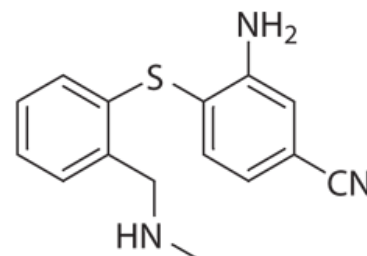
Synonymes:

N-Methyl-2-(2-amino-4-cyanophenylthio)-benzylamine; N-Desmethyl-DASB

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-labelled 2-(phenylthio) aralkylamines. *J. Med. Chem.* 2000, 43, 3103-3110.

4300.0001: 1 mg per vial
Please inquire for customized
filling and bulk quantities.



date of product catalogue issue: 05 April 2012