

Catalogue Number	Product	Order number / Unit
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**4310****DASB**

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

**Molar Mass:** 283.39C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>S

[627490-01-1]

Yellowish solid packaged in dark glass screw cap vials.

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

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

**Synonymes:**

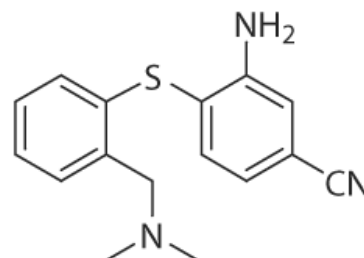
N,N-Dimethyl-2-(2-amino-4-cyanophenylthio)-benzylamine; 3-Amino-4-(2-dimethylaminomethyl-phenylsulfanyl)-benzonitrile

**Literature:**

Houle S. et al. Imaging the serotonin transporter with positron emission tomography: initial human studies with [<sup>11</sup>C]DAPP and [<sup>11</sup>C]DASB. Eur. J. Nucl. Med. 2000, 29, 1719-1722.

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 <sup>11</sup>C-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: 10 May 2017