Catalogue Product Number

Order number / Unit

5100 6-OH-BTA-0

Precursor for [N-Methyl-11C]-6-OH-BTA-1 Precursor for [O-Methyl-11C]-6-MeO-BTA-0

Molar Mass: 242.3

 $C_{13}H_{10}N_2OS$

[178804-18-7]

Yellowish to green solid packaged in dark glass crimp cap vials.

Purity: > 95 % **Certificates:**

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: 6-Benzothiazolol, 2-(4-aminophenyl)-

Synonymes:

2-(4'-Aminophenyl)-6-hydroxybenzothiazole; Pittsburgh Compound B (PiB)precursor

Literature:

Mathis C.A. et al. Synthesis and Evaluation of ¹¹C-Labeled 6-Substituted 2-Arylbenzothiazoles as Amyloid Imaging Agents J. Med. Chem. 2003, 46, 2740-2754.

Wilson A.A. et al. A rapid one-step radiosynthesis of the (-amyloid imaging radiotracer N-methyl-[11C]2-4'methylaminophenyl)-6-hydroxybenzothiazole ([11C]-6-OH-BTA-1) J. Labelled Compd. Radiopharm. 2004, 47, 679-682.

5100.0001: 1 mg per vial Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 20 July 2015