

| Catalogue Number | Product | Order number / Unit |
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**3320****Nitro-AP****Precursor for [<sup>18</sup>F]FAP****Molar Mass:** 309.32C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>

[209530-92-7]

Yellowish solid packaged in dark glass screw cap vials.

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

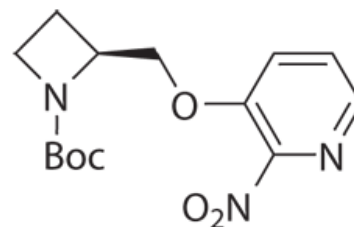
CA index name: 1-Azetidinecarboxylic acid, 2-[[[2-nitro-3-pyridinyl]oxy]methyl]-, 1,1-dimethylethyl ester, (2S)-

**Synonyms:**

2-Nitro-AP; 2-Nitro-A85380; 2-Nitro-3-[2(S)-N-tert-butoxycarbonyl]-[(2-azetidiny)methoxy]pyridine

**Literature:**

1. Dolle F. et al Synthesis of 2-[<sup>18</sup>F]Fluoro-3-[2(S)-2-azetidinylmethoxy]pyridine, a highly potent radioligand for in vivo imaging central nicotinic acetylcholine receptors. J. Labelled Compd. Radiopharm. 1998, 41, 451-463.
2. Dolle F. et al. Synthesis and Nicotinic Acetylcholine Receptor in Vivo Binding Properties of 2-Fluoro-3-[2(S)-2-azetidinylmethoxy]-pyridine: A New Positron Emission Tomography Ligand for Nicotinic Receptors. J. Med. Chem. 1999, 42, 2251-2259.

**3320.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 05 April 2012