

Catalogue Number	Product	Order number / Unit
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2110 Acetic acid piperidin-4-yl ester hydrochloride

Precursor for [¹¹C]AMP

Molar Mass: 179.64

C₇H₁₃NO₂ · HCl

[94886-04-1]

Colourless crystals packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: 4-Piperidinol acetate, hydrochloride

Synonymes:

4-Acetoxy-piperidine, hydrochloride; 4-Piperidiny acetate, hydrochloride; PA · HCl

Literature:

1. Nguyen T.B. et al. Syntheses of carbon-11 labeled piperidine esters as potential in vivo substrates for acetylcholinesterase. Nucl. Med. Biol. 1998, 25, 761-768.
2. Iyo M. et al. Measurement of acetylcholinesterase by positron emission tomography in the brains of healthy controls and patients with Alzheimer's disease. Lancet 1997, 349, 1805-1809.
3. Irie T. et al. Design and Evaluation of Radioactive Acetylcholine Analogs for Mapping Brain Acetylcholinesterase (AChE) In Vivo. Nucl. Med. Biol. 1994, 21, 801-808.

2110.0001: 1 mg per vial
Please inquire for customized filling and bulk quantities.

