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Catalogue Number	Product	Order number / Unit
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**6150**

**Choline chloride**

Reference standard for [<sup>11</sup>C]Choline

Caution, sensitive to light and moisture (hygroscopic)!

**Molar Mass:** 139.62

C<sub>5</sub>H<sub>14</sub>ClNO

[67-48-1]

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H NMR spectrum

**Chemical Name:**

CA index name: Ammonium, (2-hydroxyethyl)trimethyl-, chloride

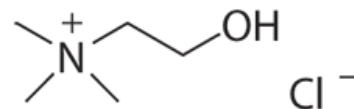
**Synonyms:**

Choline chlorohydrate; Choline hydrochloride; (2-Hydroxyethyl)trimethylammonium chloride

**Literature:**

1. Hara T. et al. PET imaging of prostate cancer using carbon-11-choline. J. Nucl. Med. 1998, 39, 990-995.
2. Hara T. et al. PET imaging of brain tumor with [methyl-<sup>11</sup>C]choline. J. Nucl. Med. 1997, 38, 842-847.
3. Hara T. et al. Automated synthesis of [<sup>11</sup>C]choline, a positronemitting tracer for tumor imaging. Appl. Radiat. Isot. 1999, 50, 531-533.

**6150.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.



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