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Catalogue Number	Product	Order number / Unit
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**6140 Fluoromethylcholine bromide****Reference standard for [<sup>18</sup>F]Fluoromethylcholine**

Caution, very sensitive to moisture and hygroscopic!

**Molar Mass:** 202.07C<sub>5</sub>H<sub>13</sub>BrFNO

CAS-RN not yet assigned

Colourless crystals packaged in dark glass screw cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra**Chemical Name:**

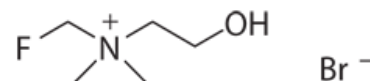
Ethanaminium, N-(fluoromethyl)-2-hydroxy-N,N-dimethyl-, bromide

**Synonymes:**

Fluorocholine Bromide; FCh Bromide

**Literature:**

1. DeGrado T.R. et al. Synthesis and evaluation of <sup>18</sup>F-labeled choline as an oncologic tracer for positron emission tomography: initial findings in prostate cancer. *Cancer Res.* 2001, 61, 110-7.
2. DeGrado T.R. et al. Synthesis and Evaluation of <sup>18</sup>F-Labeled Choline Analogs as Oncologic PET Tracers *J. Nucl. Med.* 2001, 42, 1805-1814.
3. Iwata R. et al. [<sup>18</sup>F]Fluoromethyl triflate, a novel and reactive [<sup>18</sup>F]Fluoromethylating agent: Preparation and application to the on-column preparation of [<sup>18</sup>F]Fluorocholine. *Appl. Radiat. Isotop.* 2002, 57, 347-352.

**6140.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 05 April 2012