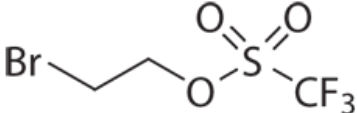


Catalogue Number	Product	Order number / Unit
<b>6182</b>	<b>2-Bromoethyl triflate</b> <b>Precursor for [<sup>18</sup>F]BFE</b> <b>(1-Bromo-2-[<sup>18</sup>F]fluoroethane)</b>  <b>Molar Mass:</b> 257.03 $C_3H_4BrF_3O_3S$ [103935-47-3]  Colourless liquid packaged in dark glass screw cap vials.  <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H and <sup>19</sup> F NMR spectra <b>Chemical Name:</b> CA index name: Methanesulfonic acid, 1,1,1-trifluoro-, 2-bromoethyl ester; Methanesulfonic acid, trifluoro-, 2-bromoethyl ester <b>Synonymes:</b> Trifluoromethanesulfonic acid 2-bromoethyl ester <b>Literature:</b> 1. Wang J.-Q. et al. Synthesis and preliminary biological evaluation of O6-[4-(2-[ <sup>18</sup> F]fluoroethoxymethyl)benzyl]guanine as a novel potential PET probe for the DNA repair protein O 6-alkylguanine-DNA alkyltransferase in cancer chemotherapy. <i>Bioorg. Med. Chem.</i> 2005, 13, 5779-5786. 2. Lin K.-S. et al. Synthesis, enantiomeric resolution, F-18 labeling and biodistribution of reboxetine analogs: promising radioligands for imaging the norepinephrine transporter with positron emission tomography. <i>Nucl. Med. Biol.</i> 2005, 32, 415-422. 3. Chi D. Y. et al. A rapid and efficient method for the fluoroalkylation of amines and amides. Development of a method suitable for incorporation of the shortlived positron emitting radionuclide fluorine-18. <i>J. Org. Chem.</i> 1987, 52, 658- 664.	6182.0100: 100 mg per vial 6182.1000: 1 g per vial Please inquire for customized filling and bulk quantities.  

date of product catalogue issue: 05 April 2012