


Catalogue Number	Product	Order number / Unit
<b>6302</b>	<b>1-Tosyloxy-4-pentyne</b> <b>Precursor for 1-[<sup>18</sup>F]Fluoro-4-pentyne</b> <b>Molar Mass:</b> 238.30 $C_{12}H_{14}O_3S$ [77758-50-0] Colourless to yellowish oil packaged in dark glass screw cap vials. <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index names: 4-Pentyn-1-ol, 1-(4-methylbenzenesulfonate); 4-Pentyn-1-ol, 4-methylbenzenesulfonate <b>Synonymes:</b> 4-Pentyn-1-ol tosylate; 4-Pentynyl p-toluenesulfonate; 4-Pentynyl tosylate; 5-(p-Toluenesulfonyloxy)pent-1-yne; 5-(Tosyloxy)-1-pentyne; Pent-4-ynyl p-tosylate; Toluene-4-sulfonic acid pent-4-ynyl ester <b>Literature:</b> 1. Marik et al. Click for PET: rapid preparation of [ <sup>18</sup> F]fluoropeptides using CuI catalyzed 1,3-dipolar cycloaddition. Tetrahedron Lett. 2006, 47, 6681-6684. 2. Hausner et al. In Vivo Positron Emission Tomography (PET) Imaging with an α <sup>v</sup> β <sup>6</sup> Specific Peptide Radiolabeled using <sup>18</sup> F-""Click"" Chemistry: Evaluation and Comparison with the Corresponding 4-[ <sup>18</sup> F]Fluorobenzoyl- and 2-[ <sup>18</sup> F]Fluoropropionyl-Peptides. J. Med. Chem. 2008, 51, 5901-5904.	6302.0010: 10 mg per vial 6302.0100: 100 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 05 April 2012