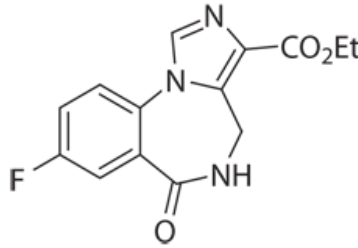


Catalogue Number	Product	Order number / Unit
<b>1700</b>	<b>Desmethylflumazenil</b> <b>Precursor for [<sup>11</sup>C]Flumazenil</b> <b>Precursor for 5-[<sup>18</sup>F]Flumazenil ([<sup>18</sup>F]FEF)</b>  <b>Molar Mass:</b> 289.26 $C_{14}H_{12}FN_3O_3$ [79089-72-8]  Colourless crystals packaged in dark glass crimp 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: 4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 8-fluoro-5,6-dihydro-6-oxo-, ethyl ester <b>Synonymes:</b> 8-Fluoro-5,6-dihydro-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid ethyl ester; Desmethyl-FMZ; Ro 15-5528 <b>Literature:</b> 1. Nagren K. et al. Methylation of amide and thiol functions with [ <sup>11</sup> C]methyl triflate, as exemplified by [ <sup>11</sup> C]NMSP, [ <sup>11</sup> C]flumazenil and [ <sup>11</sup> C]methionine. J. Labelled Compd. Radiopharm. 1998, 41, 831-841. 2. Maziere M. et al. Synthesis of Ethyl 8-Fluoro-5,6-dihydro-5-[ <sup>11</sup> C]methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate (RO 15.1788- <sup>11</sup> C): A Specific Radioligand for the In Vivo Study of Central Benzodiazepine Receptors by Positron Emission Tomography. Int. J. Appl. Radiat. Isot. 1984, 35, 973-976.	1700.0001: 1 mg per vial 1700.0002: 2 mg per vial Please inquire for customized filling and bulk quantities.   The chemical structure shows a benzodiazepine core with a fluorine atom at the 8-position and an ethyl ester group at the 3-position. The benzodiazepine ring is fused to an imidazole ring.

date of product catalogue issue: 05 April 2012