

Catalogue Number	Product	Order number / Unit
1710	Flumazenil Reference standard for [¹¹C]Flumazenil Reference standard for [¹⁸F]Flumazenil Molar Mass: 303.29 $C_{15}H_{14}FN_3O_3$ [78755-81-4] Colourless crystals packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra Chemical Name: CA index name: 4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 8-fluoro-5,6-dihydro-5-methyl-6-oxo-, ethyl ester Synonymes: 8-Fluoro-5,6-dihydro-5-methyl-6-oxo-4H-Imidazo[1,5-a][1,4]benzo-diazepine-3-carboxylic acid ethyl ester; Anexate; Flumazenil; Flumazepil; Flumenazil; Lanexat; Mazicon; FMZ; Ro 15-1788 Literature: 1. Nagren K. et al. Methylation of amide and thiol functions with [¹¹ C]methyl triflate, as exemplified by [¹¹ C]NMSP, [¹¹ C]flumazenil and [¹¹ C]methionine. J. Labelled Compd. Radiopharm. 1998, 41, 831-841. 2. Suzuki K. et al. Computer-Controlled Large Scale Production of High Specific Activity [¹¹ C]Ro 15-1788 for PET Studies of Benzodiazepine Receptors. Int. J. Appl. Radiat. Isot. 1985, 36, 971-976. 3. Maziere M. et al. Synthesis of Ethyl-8-fluoro-5,6-dihydro-5-[¹¹ C]methyl-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate (RO 15.1788- ¹¹ 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.	1710.0010: 10 mg per vial 1710.0020: 20 mg per vial 1710.0100: 100 mg per vial Please inquire for customized filling and bulk quantities.

