

Catalogue Number	Product	Order number / Unit
800	Cryptand 222 Aminopolyether used to dissolve K⁺ salts in nucleophilic [¹⁸F]labelling reactions Molar Mass: 376.49 $C_{18}H_{36}N_2O_6$ [23978-09-8] Colourless crystals packaged in dark glass crimp cap vials (8000.0015 and 8000.0020) or screw cap vials (8000.0100, 8000.0250, and 8000.1000). Purity: > 99 % Certificates: CoA; ¹ H NMR and IR spectra, GC-MS Chemical Name: CA index name: 4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane Synonymes: 2,2,2-Crypt; 2,2,2-Cryptand; 2,2,2-Cryptate; Crypt-2,2,2; Cryptand 2.2.2; Cryptand C 222; Cryptate 222; Cryptating agent 222; Cryptofix 222; Kryptand 222; Kryptofix 222; Literature: 1. Huang J.C. Comparison of Various Requirements of the Quality Assurance Procedures for ¹⁸ F-FDG Injection. J. Nucl. Med. 2002, 43, 1495-1506. 2. Lemaire C. et al. No-carrier-added regioselective preparation of 6-[¹⁸ F]fluoro-L-DOPA. J. Nucl. Med. 1990, 31, 1247-51. 3. Moerlein S. et al. Elimination of contaminant Kryptofix 2.2.2 in the routine production of 2-[¹⁸ F]fluoro-2-deoxy-D-glucose. Int. J. Rad. Appl. Instrum. [A] 1989, 40, 741-3. 4. Chaly T. et al. Thin layer chromatographic detection of Kryptofix 222 in the routine synthesis of [¹⁸ F]2-fluoro-2-deoxy-D-glucose. Int. J. Rad. Appl. Instrum. [B] 1989, 16, 385-7.	800.0015: 15 mg per vial 800.0020: 20 mg per vial 800.0025: 25 mg per vial 800.0100: 100 mg per vial 800.0250: 250 mg per vial 800.1000: 1 g per vial Please inquire for customized filling and bulk quantities.

