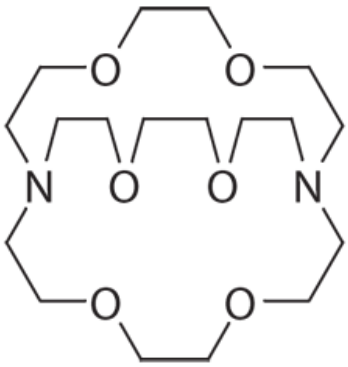
Catalogue Number	Product	Order number / Unit

800 Cryptand 222

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.

Aminopolyether used to dissolve K+ salts in nucleophilic [^{18}F]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.

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