

Catalogue Number	Product	Order number / Unit
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1680 AzidomazenilReference standard for [¹¹C]Ro15-4513**Molar Mass:** 326.31C₁₅H₁₄N₆O₃

[91917-65-6]

Off-white solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H NMR spectrum**Chemical Name:**

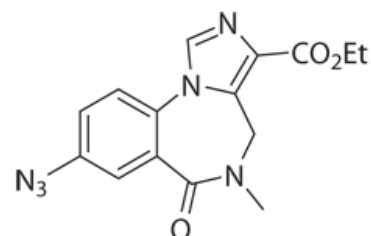
CA index name: 4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 8-azido-5,6-dihydro-6-oxo-, ethyl ester

Synonyms:

8-Azido-5,6-dihydro-6-oxo-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid ethyl ester; Ro 15-4513

Literature:

1. Halldin C. et al. [¹¹C]Ro 15-4513, a ligand for visualization of benzodiazepine receptor binding. Preparation, autoradiography and positron emission tomography. *Psychopharmacology* 1992, 108, 16-22.
2. Suhara T. et al. Visualization of α₅ subunit of GABAA/benzodiazepine receptor by [¹¹C]Ro15-4513 using positron emission tomography. *Synapse* 2003, 47, 200-208.
3. Suzuki Automated synthesis of the ultra high specific activity of [¹¹C]Ro15-4513 and its application in an extremely low concentration region to an ARG study. *Nucl. Med. Biol.* 2003, 30, 335-343.

1680.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

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