

Catalogue Number	Product	Order number / Unit
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5010 DFEAN**Precursor for [¹¹C]FDDNP**

Due to patent related reasons we regret that we are not allowed to sell the product to the following countries: USA, Canada, Australia, Japan, Hongkong, and European Union.

Molar Mass: 279.31

C₁₇H₁₄FN₃

CAS-RN not yet assigned

[¹⁸F]DFEAN: [1161260-63-4]

Reddish solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H, ¹⁹F and ¹³C-NMR spectra

Chemical Name:

Propanedinitrile, [1-[6-[2-fluoroethyl]amino]-2-naphthalenyl]ethylidene]-

Synonymes:

2-{1-[6-(2-Fluoro-ethylamino)-naphthalen-2-yl]-ethylidene}-malononitrile

Literature:

1. Barrio J. et al. Neurofibrillary tangles (NFTs) and beta-amyloid plaques (A-beta) demonstrated in vivo in Alzheimer's disease (AD) patients. J. Cereb. Blood Flow Metab. 1999, 19, S2.
2. Adgeppa E. D. et al. Binding Characteristics of Radiofluorinated 6-Dialkylamino-2-Naphthylethylidene Derivatives as Positron Emission Tomography Imaging Probes for beta-Amyloid plaques in Alzheimer's Disease. J. Neurosci. 2001, 21, RC189.

5010.0010: 10 mg per vial
5010.0020: 20 mg per vial
Please inquire for customized filling and bulk quantities.

