

Catalogue Number	Product	Order number / Unit
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**5030****DMFEAN****5030.0010: 10 mg per vial**  
**Please inquire for customized filling and bulk quantities.****Reference standard for [<sup>18</sup>F]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:** 293.34C<sub>18</sub>H<sub>16</sub>FN<sub>3</sub>

[590365-47-2]

Red solid packaged in dark glass screw cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H, <sup>13</sup>C and <sup>19</sup>F NMR spectra**Chemical Name:**

CA index name: Propanedinitrile, [1-[6-[(2-fluoroethyl)methylamino]-2-naphthalenyl] ethylidene]-

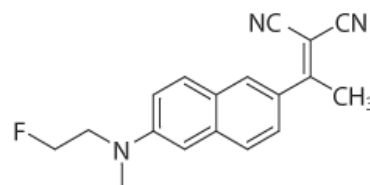
**Synonymes:**

2-(1,1-Dicyanopropen-2-yl)-6-(fluoroethyl)-methylamino)-naphthalene

**Literature:**

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.

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.



date of product catalogue issue: 10 May 2017