

---

Catalogue Number	Product	Order number / Unit
------------------	---------	---------------------

---

**2420 Fluoroethyl-Carfentanil**

Reference standard for [<sup>18</sup>F]Fluoroethylcarfentanil

**Molar Mass:** 426.52

C<sub>25</sub>H<sub>31</sub>FN<sub>2</sub>O<sub>3</sub>

[904892-57-5]

Yellowish oil packaged in dark glass screw cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra

**Chemical Name:**

CA index name: 4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-, 2-fluoroethyl ester

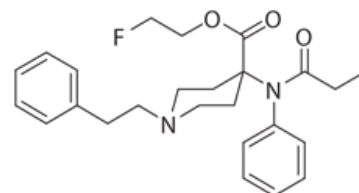
**Synonymes:**

2-Fluoroethylcarfentanil

**Literature:**

- Henriksen G. et al. Synthesis of [<sup>18</sup>F]fluoroalkyl esters of carfentanil. J. Labelled Compd. Radiopharm. 2005, 48, 771-779.
- Wadsak W. et al. Preparation and radiosynthesis of [<sup>18</sup>F]FE@CFN (2-[<sup>18</sup>F]fluoroethyl- 4-[N-(1-oxopropyl)-N-phenylamino]-1-(2-phenylethyl)-4-piperidinecarboxylate): a potential mu-opioid receptor imaging agent. Radiochim. Acta 2007, 95, 33-38.

2420.0010 10 mg per vial  
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 05 April 2012