

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

2410 Carfentanil oxalate

Reference standard for [¹¹C]Carfentanil
Potent μ -opiate receptor agonist

Controlled substance, license required in most countries.

Molar Mass: 484.54

C₂₆H₃₂N₂O₇

[61086-44-0]

Carfentanil free base: [59708-52-0]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; HPLC and IR spectrum

Chemical Name:

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

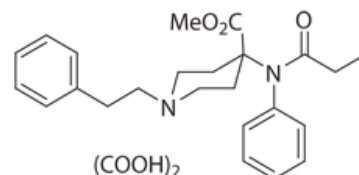
Synonyms:

R 33799 oxalate salt, Carfentanil oxalate

Literature:

1. Dannals R. et al. Radiosynthesis of an Opiate Receptor Binding Radiotracer: [¹¹C]Carfentanyl. Int. J. Appl. Radiat. Isot. 1985, 36, 303-306.
2. Frost J.J. et al. Comparison of [¹¹C]diprenorphine and [¹¹C]carfentanyl binding to opiate receptors in humans by positron emission tomography. J. Cereb. Blood Flow Metab. 1990, 10, 484-492.
3. Jewett D. M. A simple synthesis of [¹¹C]carfentanil using an extraction disk instead of HPLC. Nucl. Med. Biol. 2001, 28, 733-734.
4. Studenov A. R. et al. Efficient In-Loop Synthesis of High Specific Radioactivity [¹¹C]Carfentanil. J. Labelled Compd. Radiopharm. 2003, 46, 837-842.

2410.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 05 April 2012