

Catalogue Number	Product	Order number / Unit
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2000 3-O-Trityl-6-O-desmethyl-diprenorphine

Precursor for [¹¹C]Diprenorphine
Nonselective opioid receptor antagonist

Molar Mass: 653.87

C₄₄H₄₇NO₄

[157891-92-4]

Colourless or nearly colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹³C NMR spectra

Chemical Name:

CA index name: 6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-4,5-epoxy-18,19-dihydro-6-hydroxy- α,α -dimethyl-3-(triphenylmethoxy)-, (5 α , 7 α)

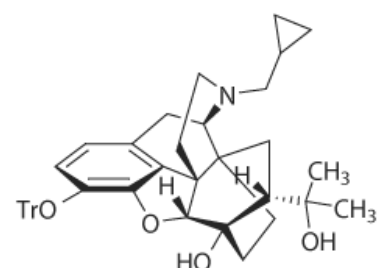
Synonymes:

TDDPN; TDPN

Literature:

Luthra S.K. et al. Automated radiosyntheses of [6-O-methyl-¹¹C]-diprenorphine and [6-O-methyl-¹¹C] buprenorphine from 3-O-trityl protected precursors. Appl. Radiat. Isot. 1994, 45, 857-873.

Wester H.-J. et al. 6-O-(2-[¹⁸F]Fluoroethyl)-6-O-Desmethyl-diprenorphine ([¹⁸F]DPN): Synthesis, Biologic Evaluation, and Comparison with [¹¹C]DPN in Humans. J. Nucl. Med. 2000, 41, 1279-1286.



2000.0002: 2 mg per vial
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 10 May 2017