

| Catalogue Number | Product | Order number / Unit |
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2050**6-O-Fluoroethyl-6-O-desmethyl-3-O-trityl-diprenorphine****2050.0010: 10 mg per vial**
Please inquire for customized filling and bulk quantities.Reference standard for byproduct of [¹⁸F]Fluoroethyl-diprenorphine synthesis**Molar Mass:** 699.89C₄₆H₅₀FNO₄

CAS-RN not yet assigned

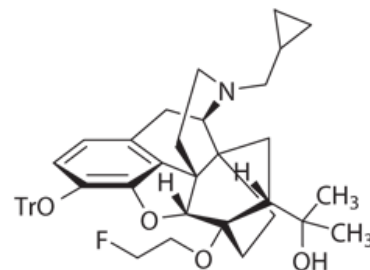
Yellow solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H, ¹⁹F and ¹³C NMR spectra**Chemical Name:**6,14-Ethenomorphinan-7-methanol, 17-(cyclopropylmethyl)-4,5-epoxy-18,19-dihydro-6-(2-fluoroethoxy)-3-(triphenylmethoxy)- α,α -dimethyl-, 5(α , 7 α)**Synonymes:**

FEtTrDPN; 6-O-Fluoroethyl-6-O-desmethyl-3-O-trityl-DPN

Literature:

1. Wester H.-J. et al. Synthesis, preclinical evaluation and first human study of [¹⁸F]Diprenorphine ([¹⁸F]DPN) for central opioid receptor imaging with PET. J. Nucl. Med. 1998, 39, Proceedings of the 45th Annual Meeting, Toronto, Ontario, Canada; 73P.
2. 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.



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