

Catalog Number: **RCTT0990**

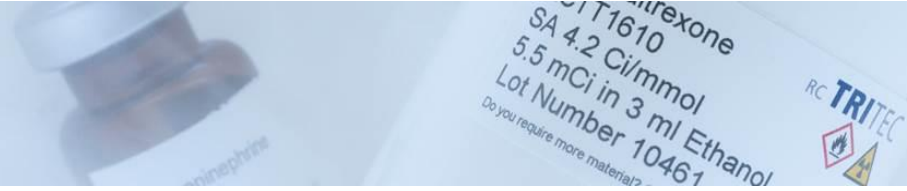
H-Phe-Gly-Gly-Phe-Thr-Gly-Ala-Arg-Lys-Ser-Ala-Arg-Lys-Leu-Ala-Asn-Gln-OH

1809.1 g/mol
C₇₉H₁₂₉N₂₇O₂₂

[H-3] Nociceptin, [Leucyl-3,4,5-3H]

CAS-Number: 170713-75-4

Description: Neuropeptide and endogenous ligand of the N/OFQ peptide receptor (NOP, ORL-1).



Packing/Concentration: 0.1 mCi/ml (3.7 MBq/ml) in ethanol:0.1 N acetic acid (2:8) under argon atmosphere. Shipped in dry ice.

Radiochemical Purity: The radiochemical purity after purification was determined to be >97%.

Specific Activity Range: 80-140 Ci/mmol (2960 – 5180 GBq/mmol)

Stability/Storage: The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is currently under investigation. The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

Lot specific information:

Lot Number :	07901
Specific activity:	112 Ci/mmol 4144 GBq/mmol
Purification Date:	12.05.2021
Date of Analysis:	12.05.2021

Note: The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. For research and development use only, not for use in humans. This compound could induce cancer.