

Research Use Only. Not for use in diagnostic procedures.

DELTORPHIN II, (2-D-ALA)-, [TYROSYL-3,5-³H]-

Product Number: NET1087

LOT SPECIFIC INFORMATION

Lot Number:	<u>2528733</u>
Specific Activity:	<u>49.9</u> Ci/mmol
	<u>1846</u> GBq/mmol
Production Date:	<u>11-Jan-2019</u>

Tyr-D-Ala-Phe-Glu-Val-Val-Gly-NH₂

M. W. 782.9

PACKAGING: 1mCi/ml (37 MBq/ml) in 0.1N acetic acid : ethanol, (8 : 2). Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When deltorphin II, (2-D-Ala)-, [tyrosyl-3,5-³H]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% per month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 30-60 Ci/mmol (1110-2220 GBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 96% when determined by the following method. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a Vydac C18 column using the following mobile phase:
0.2% trifluoroacetic acid : acetonitrile, (78:22).

QUALITY CONTROL: The radiochemical purity of deltorphin II (2-D-Ala), [tyrosyl-3,5-³H]- is checked at appropriate intervals using the listed chromatography method.

HAZARD INFORMATION: WARNING: This product contains a chemical known to the state of California to cause cancer.