

Research Use Only. Not for use in diagnostic procedures.

DAMGO, [TYROSYL-3,5-³H(N)]-

Product Number: NET902

LOT SPECIFIC INFORMATION

Lot Number:	<u>2850288</u>
Specific Activity:	<u>51.7</u> Ci/mmol
	<u>1913</u> GBq/mmol
Production Date:	<u>04-May-2021</u>

Tyr-D-Ala-Gly-N-Me-Phe-Gly-ol

M. W. 513.7

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol, in a silanized vial, under argon. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When DAMGO, [tyrosyl-3,5-³H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1-2% 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 97% when determined by one of the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a C18 column using the following mobile phase:

A=0.2% trifluoroacetic acid; B=acetonitrile

Gradient: 5%B to 30%B in 15 min. and hold 30%B for 15 minutes.

QUALITY CONTROL: The radiochemical purity of DAMGO, [tyrosyl-3,5-³H(N)]- is checked at appropriate intervals using the above listed chromatography method.

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

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