

Catalog Number: **RCTT0845**

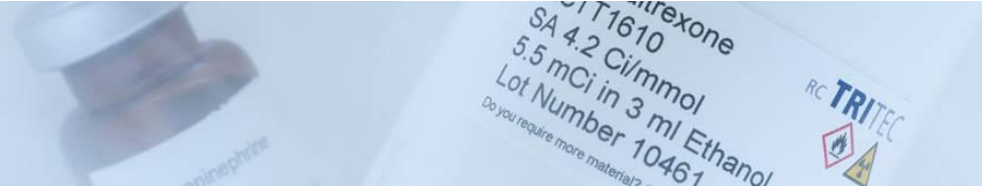
H-Tyr-D-Ala-Gly-N-MePhe-Gly-ol

513.60 g/mol
 $C_{26}H_{35}N_5O_6$

[H-3] DAMGO

CAS-Number: 78123-71-4

Description: Synthetic opioid peptide, synthetic opioid analog with high specificity for the μ -opioid receptor.



Packing/Concentration: 1.0 mCi/ml (37 MBq/ml) in ethanol under argon atmosphere. Shipped in dry ice.

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

Specific Activity Range: 40-60 Ci/mmol (1480 – 2220 GBq/mmol)

Stability/Storage: The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is less than 2% per month starting from the date of purification. 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 :	06801
Specific activity:	51.0 Ci/mmol 1887 GBq/mmol
Purification Date:	23.10.2020

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.