

Research use only. Not for use in diagnostic procedures.

## Vasopressin (8-L-Arginine), [Phenylalanyl-3,4,5-3H(N)]-

Product Number: NET800

## LOT SPECIFIC INFORMATION

Lot Number: 3245568

Specific Activity: \_\_\_\_63.8 \_\_\_\_ Ci/mmol

\_\_\_\_\_ GBq/mmol

Production Date: 05-Jan-2024

Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Arg-Gly-NH2

M. W. 1084.4

**PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in ethanol: 0.05N acetic acid (7:3), in a silanized vial, under argon in a vial which protects the contents from UV light. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** When vasopressin (8-L-arginine), [phenylalanyl-3,4,5-3H(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.

• The material is sensitive to light and air.

SPECIFIC ACTIVITY RANGE: 35-85 Ci/mmol (1295-3145 GBg/mmol)

**RADIOCHEMICAL PURITY:** This product was initially found to be greater than 97% 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, (85:15).

**QUALITY CONTROL:** This radiochemical purity of vasopressin (8-L-arginine), [phenylalanyl-3,4,5-3H(N)]- is checked at appropriate intervals using the listed chromatography method.

**HAZARD INFORMATION:** <u>WARNING</u>: This product contains a chemical known to the state of California to cause cancer.

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