

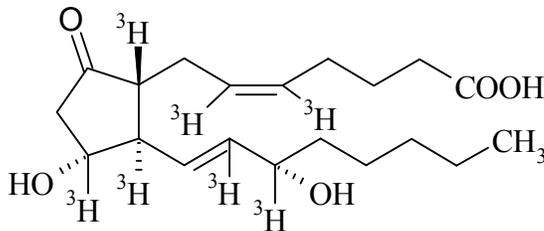
Caution: For Laboratory Use. A product for research purposes only.

PROSTAGLANDIN E₂, [5,6,8,11,12,14,15-³H(N)]-

Product Number: NET428

LOT SPECIFIC INFORMATION

Lot Number:	2093374	
Specific Activity:	153.7	Ci/mmol
	5687	GBq/mmol
Production Date:	07 Jan 2016	



M.W. 352
C₂₀H₃₂O₅

PACKAGING: 0.1 mCi/ml (3.7 MBq/ml) in ethanol : water (7:3), under argon, in a silanized vial. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When prostaglandin E₂, [5,6,8,11,12,14,15-³H(N)]- is stored at -20°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: 100-200 Ci/mmol (3700-7400 GBq/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 Zorbax ODS column using the mobile phase:
water : acetonitrile : acetic acid, (55:45:0.01).

QUALITY CONTROL: The radiochemical purity of prostaglandin E₂, [5,6,8,11,12,14,15-³H(N)]- is checked at appropriate intervals using the above chromatography method.

REFERENCES: G. Valenzuela and R. Antonini, *Prostaglandins*, 11, (4), 769 (1976).

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