

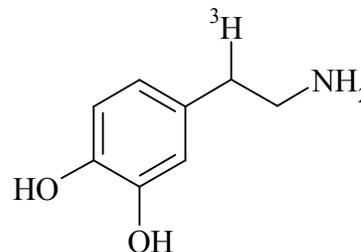
Caution: For Laboratory Use. A product for research purposes only.

## DIHYDROXYPHENYLETHYLAMINE, 3,4-[7-<sup>3</sup>H]-

Product Number: NET131

### LOT SPECIFIC INFORMATION

Lot Number:	1975342
Specific Activity:	27.8 Ci/mmol
	1029 GBq/mmol
Production Date:	19-Dec-2014



M.W. 153  
C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub>

**PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in 0.2N acetic acid:ethanol (9:1), under argon in a vial which protects the contents from UV light. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** When dihydroxyphenylethylamine, 3,4-[7-<sup>3</sup>H]- is stored protected from light at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1-3% per month from the date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** 20-40 Ci/mmol (740-1480 GBq/mmol)

**RADIOCHEMICAL PURITY:** This product was initially found to be greater than 97% when determined by. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a SCX column using the following mobile phase:  
Potassium phosphate buffer, pH 4.3.

**QUALITY CONTROL:** The radiochemical purity of dihydroxyphenylethylamine, 3,4-[7-<sup>3</sup>H]- 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.

PerkinElmer, Inc.  
549 Albany Street  
Boston, MA 02118 USA

P: (800) 762-4000 or (+1) 203-925-4602  
www.perkinelmer.com/enradiochemicals

For a complete listing of our global offices, visit [www.perkinelmer.com/ContactUs](http://www.perkinelmer.com/ContactUs)

Copyright ©2010, PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners.