

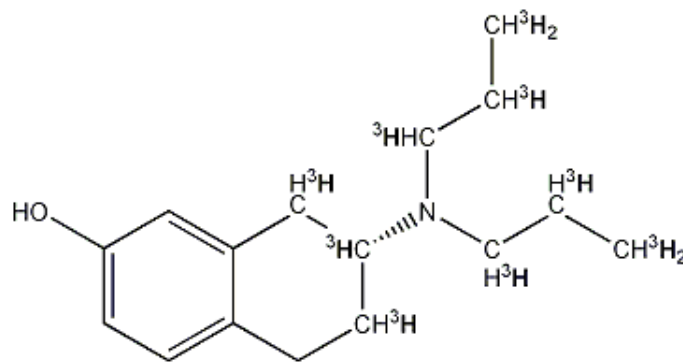
Caution: For Laboratory Use. A product for research purposes only.

R-(+)-7-HYDROXY DPAT-[³H]-

Product Number: NET1169

LOT SPECIFIC INFORMATION

Lot Number:	2067542
Specific Activity:	107.3 Ci/mmol
	3970 GBq/mmol
Production Date:	9-Sep-2015



M.W. 247
C₁₆H₂₅NO
CAS 82730-72-1

PACKAGING: 1 mCi/ml (37 MBq/ml) in ethanol under argon. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When R-(+)-7-hydroxy DPAT-[³H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially less than 3% per month from the date of purification. The rate of decomposition can accelerate. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >100 Ci/mmol (>3700 GBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 97% when determined by the following methods. It is advisable to check purity prior to use.

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

30 minute linear gradient from 40% A/ 60% B to 100% B

A) methanol:water:triethylamine (10:90:1)

B) methanol:triethylamine (100:1)

ISOMERIC PURITY: The product was initially found to be greater than 97% R-(+)-7-hydroxy DPAT when determined by the following method:

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

n-hexane:IPA:diethylamine (470:30:0.5)

QUALITY CONTROL: The radiochemical purity of R-(+)-7-hydroxy DPAT-[³H]- is checked at appropriate intervals using the above chromatography method.

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

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