

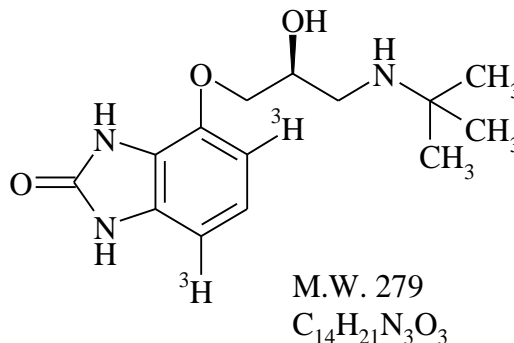
Caution: For Laboratory Use. A product for research purposes only.

(-)-CGP-12177, [5,7-³H]-

Product Number: NET1061

LOT SPECIFIC INFORMATION

Lot Number:	2067513
Specific Activity:	34.7 Ci/mmol
	1284 GBq/mmol
Production Date:	15-Sept-2015



PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol, under nitrogen, in a silanized vial. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: The stability of (-)-CGP-12177, [5,7-³H]- is currently being evaluated. Initial studies indicate that when (-)-CGP-12177, [5,7-³H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% for 12 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 30-60 Ci/mmol (1110-2220 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 Zorbax ODS column using the following mobile phase:
1% triethylamine acetate, pH4 : acetonitrile, (85:15).

QUALITY CONTROL: The radiochemical purity of (-)-CGP-12177, [5,7-³H]- is checked at appropriate intervals using the listed chromatography method.

TRITIUM NMR: The position of label and relative distribution have been investigated by tritium NMR.

REFERENCES:

1. M. Staehelin, P. Simons, K. Jaeggi, and N. Wigger, *J. Biol. Chem.*, **258**, 3496 (1983).
2. M. Riva and I. Crease, *Mol. Pharmacol.*, **36**, 201 (1989).

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

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