

Research use only. Not for use in diagnostic procedures.

## CGP 39653, [Propyl-2,3-3H]-

Product Number: NET1050

## LOT SPECIFIC INFORMATION

Lot Number: 3382591

Specific Activity: \_\_\_\_50.0 \_\_ Ci/mmol

\_\_\_\_1850\_\_\_\_\_ GBq/mmol

Production Date: <u>27-FEB-2025</u>

$$3_{H}$$
 $H_2N$ 
 $CO_2H$ 

M.W. 237.19 C<sub>8</sub>H<sub>16</sub>NO<sub>5</sub>P

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol: water (1:9), under argon, in a silanized vial. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** The stability of CGP 39653, [propyl-2,3-3H]- is currently being evaluated. Initial studies indicate that when CGP 39653, [propyl-2,3-3H]- 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. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 20-50 Ci/mmol (740-1850 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  $NH_2$  column using the following mobile phase: Potassium diphosphate, pH3.0.

**QUALITY CONTROL:** The radiochemical purity of CGP 39653, [propyl-2,3-3H]- 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.

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NET1050-R Rev01

