

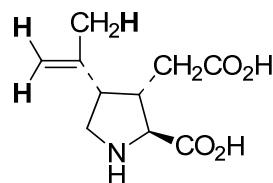
Research Use Only. Not for use in diagnostic procedures.

KAINIC ACID, [ISOPROPENYL-³H]-

Product Number: NET1232

LOT SPECIFIC INFORMATION

Lot Number:	<u>2708745</u>
Specific Activity:	<u>46.9</u> Ci/mmol
	<u>1735</u> GBq/mmol
Production Date:	<u>1-May-2020</u>



M.W. 213
C₁₀H₁₅NO₄

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol : water (2:98), under argon in a vial which protects the contents from UV light. Shipped in blue ice.

STABILITY AND STORAGE RECOMMENDATIONS: When Kainic acid, [Isopropenyl-³H]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% for 4 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 Ci/mmol (>1110 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 C18 column using the following mobile phase:
0.01M potassium phosphate, (pH 3.0) : methanol, (80:20).

QUALITY CONTROL: The radiochemical purity Kainic acid, [Isopropenyl-³H]- is checked at appropriate intervals using the listed chromatography method.

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