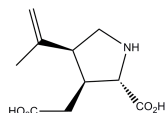


PRODUCT: Kainic acid**ALTERNATE NAME:** (2S,3S,4S)-Carboxy-4-(1-methylethenyl)-3-pyrrolidineacetic acid**CATALOG #:** 2279-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₀H₁₅NO₄**MOLECULAR WEIGHT:** 213.23**CAS NUMBER:** 487-79-6**APPEARANCE:** White solid**SOLUBILITY:** H₂O (10 mg/ml)**PURITY:** ≥98%**STORAGE:** At -20°C. Protect from light and moisture**DESCRIPTION:** A conformationally restricted glutamate analog that acts as a selective agonist at kainate receptors. A CNS stimulant and neurotoxin. Classic neuroexcitatory agent for induction of seizures in laboratory animals.**REFERENCE:** Watkins, J.C. and Evans, R.H. (1981). *Ann. Rev. Pharmacol. Toxicol.* **21**, 165-204.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Glutamate Colorimetric Assay Kit (**Cat. No. K629-100**)Glutamate Dehydrogenase Activity Colorimetric Assay Kit (**Cat. No. K729-100**)JM6 (**Cat. No. 1913-5, 25**)Ro 61-8048 (**Cat. No. 1912-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**