

Kainic acid (mM/ml), Prototypic kainate receptor agonist ab144490

34 References **2 图像**

概述

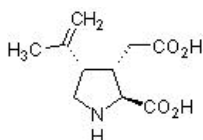
产品名称	Kainic acid (mM/ml), Prototypic kainate receptor激动剂
描述	Prototypic kainate receptor激动剂. 1 ml water soluble pack.
生物学描述	Prototypic agonist at the kainate class of ionotropic glutamate receptors. Potent excitant and neurotoxin, used to model epilepsy and neurodegenerative states.

Soluble in 1 ml water to give specified mM/ml concentration. [Find out more.](#)

纯度 > 99%

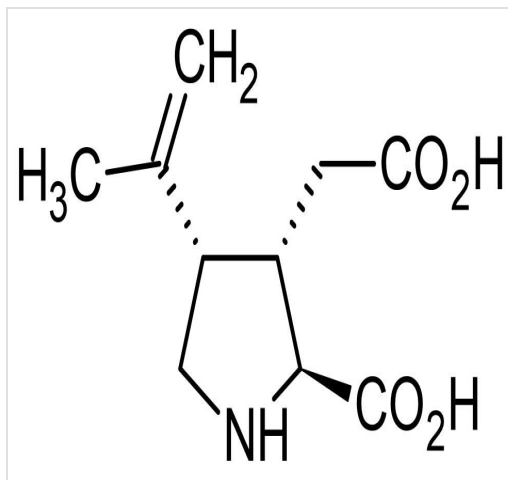
CAS编号 487-79-6

化学结构



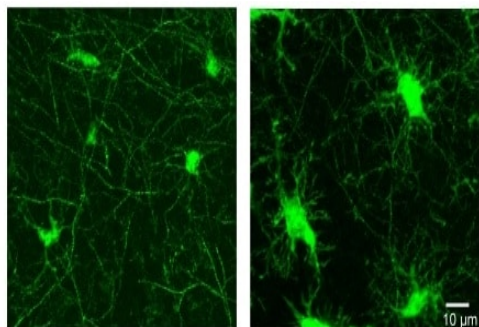
性能

化学名称	(2S,3S,4S)-3-(Carboxymethyl)-4-(prop-1-en-2-yl)pyrrolidine-2-carboxylic acid
分子量	213.23
分子式	C ₁₀ H ₁₅ NO ₄
PubChem识别号	10255
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in 1ml of water to give specified mM/ml concentration
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILESCC(=C)[C@H]1CN[C@@H]([C@H]1CC(=O)O)C(=O)O**来源***Digenea simplex***图片**

2D chemical structure image of ab144490, Kainic acid (mM/ml),
Prototypic kainate receptor agonist

Chemical Structure - Kainic acid (mM/ml),
Prototypic kainate receptor agonist (ab144490)



Immunocytochemistry/ Immunofluorescence - Kainic
acid (mM/ml), Prototypic kainate receptor agonist
(ab144490)

Image from Menteyne, A et al., PLoS one., 4(8): e6770.
Fig 1A; doi: 10.1371/journal.pone.0006770
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Immunocytochemistry/ Immunofluorescence analysis of microglial
cells in the stratum radiatum of the CA1 region of the hippocampus
of CX3CR1egfp/+ mice in control conditions (left) or 48 hours after
status epilepticus (SE) induced by intra-peritoneal injection of
kainate (right). Each image is a maximum intensity z-projection of
31 confocal slices for a total thickness of 12 μm.

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