(2S,4R)-4-Methylglutamic acid

Kainate receptor agonist

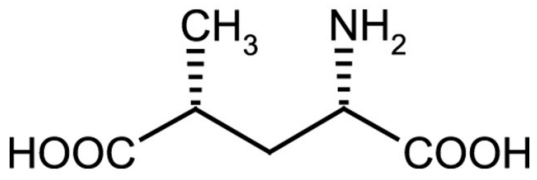
Potent and highly selective kainate receptor agonist, with an IC_{50} for inhibition of [^{3}H]-kainate binding of 35 nM and almost 3,000- and 200-fold selectivity for kainate receptors over AMPA and NMDA receptors respectively. Also selectively inhibits the cloned excitatory amino acid transporter EAAT2 at higher concentrations.

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ALX-550-186-M005	5mg

Manuals, SDS & CofA View Online »


CH3
NH2
HOOC
COOH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	SYM 2081
Appearance	White powder.
CAS	31137-74-3
Couple Target	Kainate receptor
Couple Type	Activator
Formula	$C_6H_{11}NO_4$
MW	161.2
Purity	≥97%
Solubility	Soluble in dilute aqueous acid.

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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