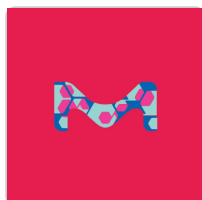


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Documents[↓ FDS](#)[🔍 COO/COA](#)**SML0594** ▶ **Sigma-Aldrich®**

CGP 55845 hydrochloride

★★★★★ (0)

≥98% (HPLC)

Synonyme(s):

(2S)-3-[[[(1S)-1-(3,4-Dichlorophenyl)ethyl]amino-2-hydroxypropyl](phenylmethyl)phosphinic acid hydrochloride, CGP 55845A, CGP55845

Empirical Formula (Hill Notation): $C_{18}H_{22}Cl_2NO_3P \cdot HCl$ **Numéro CAS:****149184-22-5****Poids moléculaire:**

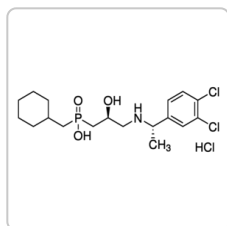
438.71

Référence	Conditionnement	Disponibilité	Prix	Quantité
SML0594-5MG	5 MG	✓ Only 1 left in stock (more on the way) Détails...	122,00 €	- + i
SML0594-25MG	25 MG	✓ Disponible pour expédition le 07 octobre 2022 Détails...	488,00 €	- + i

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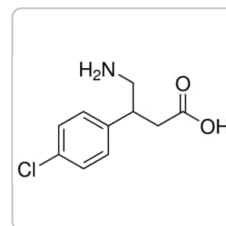
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Sigma-Aldrich

SML3136**CGP-54626**

≥95% (HPLC)

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

B5399**(±)-Baclofen**

≥98% (TLC), solid

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Niveau de qualité	100
Essai/Dosage	≥98% (HPLC)
Forme	powder
Couleur	white to beige
Solubilité	DMSO: 5 mg/mL, clear (warmed)
Temp. de stockage	room temp

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**Conditionnement**

5, 25 mg in glass bottle

Actions biochimiques/physiologiques

CGP 55845 is a potent selective GABA-B receptor antagonist with an IC_{50} of 5 nM.

Caractéristiques et avantages

This compound is a featured product for Neuroscience research. [Click here](#) to discover more featured Neuroscience products.

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This compound is featured on the [GABAB Receptors](#) page of the Handbook of Receptor Classification and Signal Transduction. To browse other handbook pages, [click here](#).

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

DOCUMENTATION**Certificat d'analyse**

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e.g. 023J5431

Comment saisir un numéro de lot (COA)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

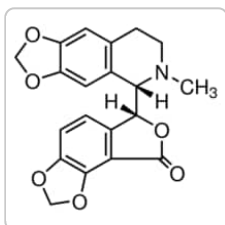
Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

Rechercher

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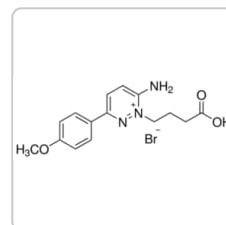
Sigma-Aldrich

14340

(+)-Bicuculline

≥97.0% (TLC)

Consulter le prix et la disponibilité



Sigma-Aldrich

S106

SR-95531

≥98% (HPLC), powder

Consulter le prix et la disponibilité

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Effects of GABAB ligands alone and in combination with paroxetine on hippocampal BDNF gene expression.

Ahmad A Khundakar et al.

European journal of pharmacology, 671(1-3), 33-38 (2011-09-21)

Brain-derived neurotrophic factor (BDNF) has been suggested as a target for antidepressant treatment and chronic antidepressant drug administration shows a 'biphasic effect' on BDNF mRNA in rat hippocampus (transient decrease followed by an increase). In comparison, following acute administration only

Ovarian hormone deficiency reduces intrinsic excitability and abolishes acute estrogen sensitivity in hippocampal CA1 pyramidal neurons.

Wendy W Wu et al.

The Journal of neuroscience : the official journal of the Society for Neuroscience, 31(7), 2638-2648 (2011-02-18)

Premature and uncompensated loss of ovarian hormones following ovariectomy (OVX) elevates the risks of cognitive impairment and dementia. These risks are prevented with estrogen (E(2))-containing hormone replacement therapy initiated shortly following OVX but not after substantial delay. Currently, the cellular

Glissandi: transient fast electrocorticographic oscillations of steadily increasing frequency, explained by temporally increasing gap junction conductance.

Mark O Cunningham et al.

Epilepsia, 53(7), 1205-1214 (2012-06-13)

We describe a form of very fast oscillation (VFO) in patient electrocorticography (ECoG) recordings, that can occur prior to ictal events, in which the frequency increases steadily from ≈ 30 -40 to >120 Hz, over a period of seconds. We dub

Slow AMPA receptors in hippocampal principal cells.

Niccolò P Pampaloni et al.

Cell reports, 36(5), 109496-109496 (2021-08-05)

Glutamate receptor ion channels, including α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptors, mediate fast excitatory neurotransmission in the CNS. Previous work suggested that AMPA receptors produce a synaptic current with a millisecond duration. However,

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Fluctuations.

Dustin Anderson et al.

The Journal of neuroscience : the official journal of the Society for Neuroscience, 33(18), 7811-7824 (2013-05-03)

Synaptic transmission and neuronal excitability depend on the concentration of extracellular calcium ($[Ca]_o$), yet repetitive synaptic input is known to decrease $[Ca]_o$ in numerous brain regions. In the cerebellar molecular layer, synaptic input reduces $[Ca]_o$ by up to 0.4 mM

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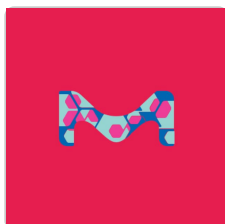
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DISCOVER Bioactive Small Molecules for Neuroscience

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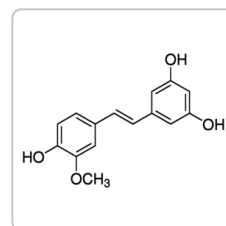


Sigma-Aldrich

SML0591

Chlorthalidone

≥98% (HPLC)



Sigma-Aldrich

SML0590

Isorhapontigenin

≥98% (HPLC)



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