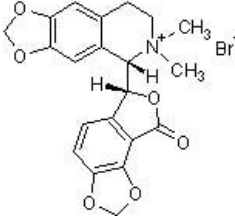


(-)-Bicuculline methobromide, GABAA antagonist ab120109

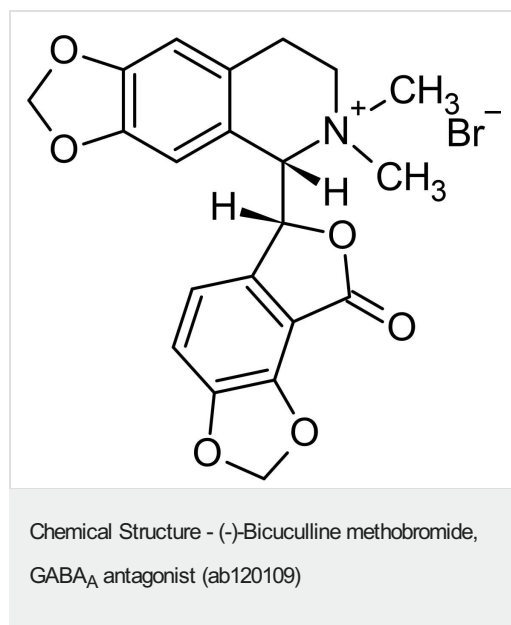
[11 References](#) [2 图像](#)

概述

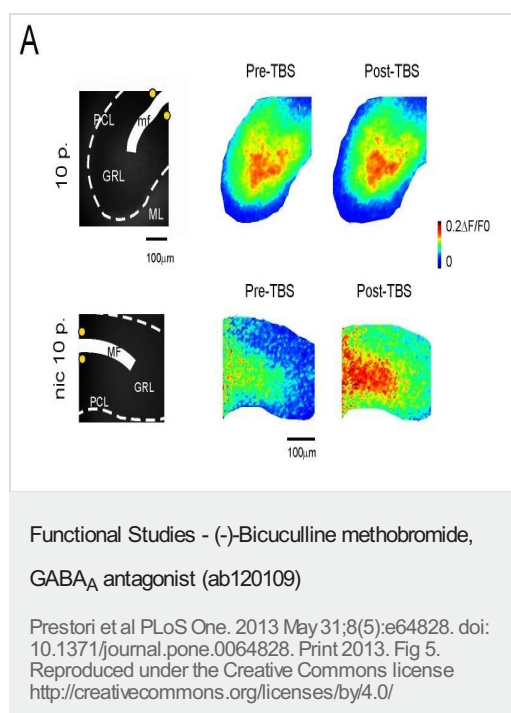
产品名称	(-)-Bicuculline methobromide, GABAA拮抗剂
描述	GABA _A 拮抗剂
CAS编号	73604-30-5
化学结构	

性能

化学名称	[S-(R*,S*)]-5-(6,8-Dihydro-8-oxofuro[3,4-e]-1,3-benzodioxol-6-yl)-5,6,7,8-tetrahydro-6,6-dimethyl-1,3-dioxolo[4,5-g]isoquinolinium bromide
分子量	462.29
分子式	C ₂₁ H ₂₀ BrNO ₆
PubChem识别号	171729
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 water to 100 mM
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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C[N+](C)(C)C1=CC=C(C=C1C2=CC=CC=C2OC3OC4OC(=O)C4OC3)C(=O)O5OC6OC7OC(=O)C7OC65.[Br-]
来源	Synthetic



2D chemical structure image of ab120109, (-)-Bicuculline methobromide, GABA_A antagonist



Saturation of LTP by nicotine application.

VSD recordings were performed from the granular layer of cerebellar slices (pre-treated with 10 μM bicuculline methobromide) to measure the spatial organisation of the effect of nicotine following TBS.

(Panel A) Images of background epifluorescence in stained cerebellar slices show the granular layer (GRL), Purkinje cell layer (PCL), molecular layer (ML), mossy fibre bundle (mf), and position of the stimulating electrode (yellow dots). Coloured optical maps of granular layer activity evoked by a single mossy fibre pulse are compared before and after the induction of long-term synaptic plasticity by TBS.

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