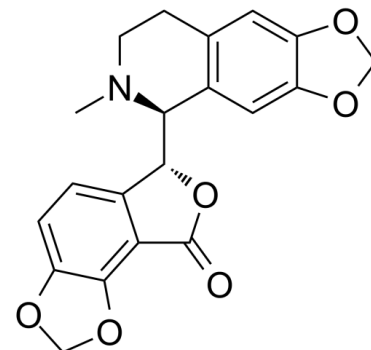


Data Sheet

Product Name:	(+)-Bicuculline
Cat. No.:	CS-5493
CAS No.:	485-49-4
Molecular Formula:	C ₂₀ H ₁₇ NO ₆
Molecular Weight:	367.35
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	DMSO : ≥ 36 mg/mL (98.00 mM)



BIOLOGICAL ACTIVITY:

(+)-Bicuculline, a convulsant alkaloid, is the antagonist of GABA.

References:

- [1]. Zahm DS, et al. Comparison of the locomotor-activating effects of bicuculline infusions into the preoptic area and ventral pallidum. Brain Struct Funct. 2014 Mar;219(2):511-26.
- [2]. Johnston GA. Advantages of an antagonist: bicuculline and other GABA antagonists. Br J Pharmacol. 2013 May;169(2):328-36.

CAIndexNames:

Furo[3,4-e]-1,3-benzodioxol-8(6H)-one, 6-[(5S)-5,6,7,8-tetrahydro-6-methyl-1,3-dioxolo[4,5-g]isoquinolin-5-yl]-, (6R)-

SMILES:

O=C1O[C@@H]([C@H]2N(C)CCC3=C2C=C(OCO4)C4=C3)C5=CC=C(OCO6)C6=C51

Caution: Product has not been fully validated for medical applications. For research use only.

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