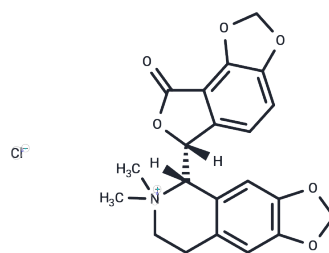


Bicuculline methochloride

Chemical Properties

CAS No. :	38641-83-7
Formula:	C ₂₁ H ₂₀ ClNO ₆
Molecular Weight:	417.84
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Bicuculline methochloride ((+)-Bicuculline; d-Bicuculline), a selective GABAA receptor antagonist, exhibits an IC ₅₀ of 3 μM. It induces tonic-clonic convulsions in mammals and blocks Ca ²⁺ activated potassium channels, making it useful for studying epilepsy and related psychiatric disorders [1] [2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3933 mL	11.9663 mL	23.9326 mL
5 mM	0.4787 mL	2.3933 mL	4.7865 mL
10 mM	0.2393 mL	1.1966 mL	2.3933 mL
50 mM	0.0479 mL	0.2393 mL	0.4787 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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