

Bicuculline

Cat#: orb421201 (CoA)

English Name : Bicuculline

Alias: (+)-Bicuculline; d-Bicuculline

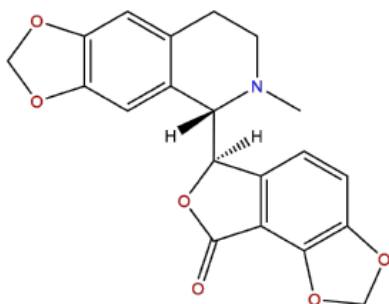
CAS Number: 485-49-4

M. F.: C₂₀H₁₇NO₆

M. W.: 367.357

Batch No: PRF22111602

Structure



Analytical result

Test Item	Specifications	Results
Appearance	Off-white powder	Off-white powder
Purity (HPLC-DAD,330nm)*	≥98.0%	99.9%
Mass	367.3±1	Conforms
NMR	Comply with the structure	Conforms
Water Content	< 3.0%	< 0.1%

Please find HPLC chromatogram attached.

Test Method:

Column: Agilent 5TC-C18(2),4.6*250mm; **Column temperature:** 30°C; **Detection Mode:** UV300nm ; **Flow Rate:** 1.0ml/min;

Sample dissolution: Methanol; **Mobile Phase: A,** Acetonitrile **B,** 0.1% phosphoric acid in water **Gradient elution:** A, 55%-55%,15min-80%,10min.

Storage: 2-8°C, protected from light, keep package airproofed when not in use.

Retest date: Two years (2024-11-15) under conditions list above.

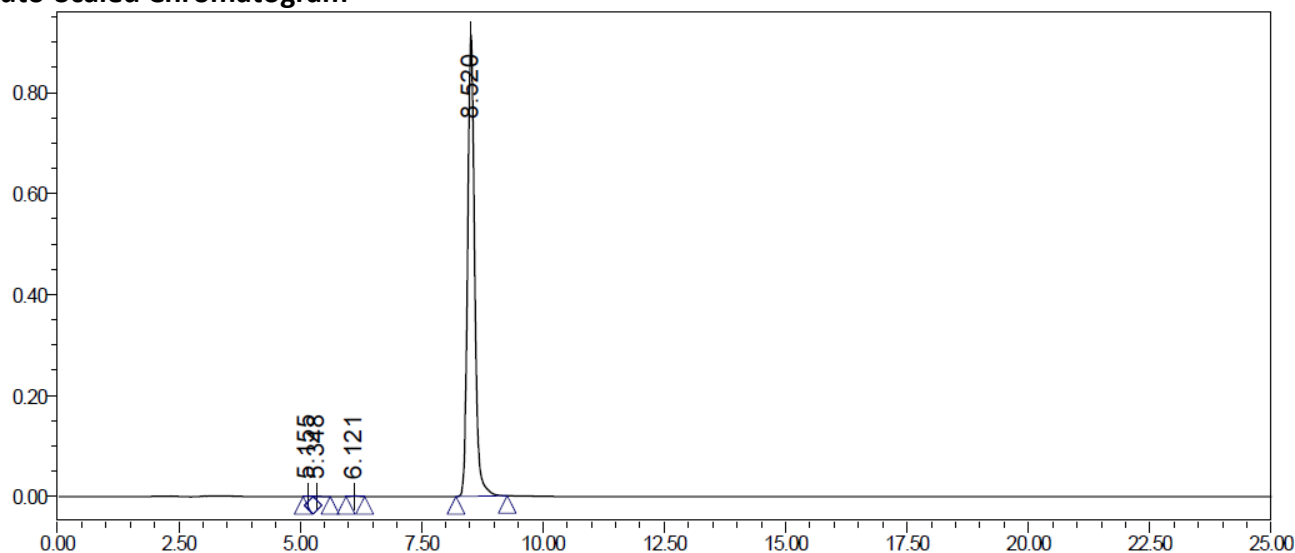
Remarks: The sample solutions should be prepared and used on the same day, it is the best preparing the solutions immediately before use. If the solutions have to be made up in advance, it should be made as

aliquots in tightly sealed vials at less than -20°C. Generally, these might be useable for up to two weeks. The quality of the product is only guaranteed to comply with the attached COA.

SAMPLE INFORMATION

Sample Name: Bicuculline

Auto-Scaled Chromatogram



Peak Results

	RT	Area	% Area	Height	Plate Count	Resolution
1	5.155	2593	0.03	357	8587.67	
2	5.348	3130	0.03	398	8601.31	0.70
3	6.121	5154	0.06	681	15083.38	3.21
4	8.520	9226304	99.88	913847	17528.90	10.41