

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Bicuculline, CAS [[485-49-4]] BYT-ORB1304933

| | |
|----------------------------|---|
| Article Name | Bicuculline, CAS [[485-49-4]] |
| Biozol Catalog Number | BYT-ORB1304933 |
| Supplier Catalog Number | orb1304933 |
| Alternative Catalog Number | BYT-ORB1304933-1, BYT-ORB1304933-10, BYT-ORB1304933-100, BYT-ORB1304933-25, BYT-ORB1304933-50 |
| Manufacturer | Biorbyt |
| Category | Biochemikalien |
| Product Description | Bicuculline is a natural alkaloid that acts as a competitive GABAA receptor antagonist (IC ₅₀ = 2 µM) and a blocker of SK potassium channels. It is widely utilized in neuroscience research to induce seizures in animal models and to study synaptic inhi... |
| Molecular Weight | 367.35 |
| Purity | 99.99% (May vary between batches) |
| CAS Number | [485-49-4] |
| Formula | C ₂₀ H ₁₇ N ₆ O ₆ |
| Target | GABA Receptor |
| Application Notes | Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.44 mM),DMSO:16.67 mg/mL (45.38 mM),Ethanol:< 1 mg/mL (insoluble or slightly soluble) |