

Certificate of Analysis

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|--------------|------------|
| Product Name | Bruceine D |
| Catalog No. | V17150 |
| Batch No. | V1715001 |

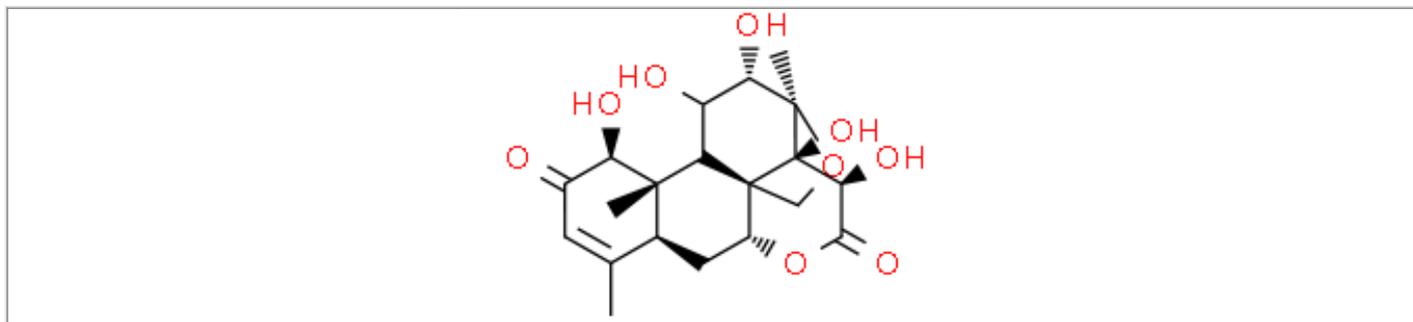
1. Physical and Chemical Properties

| | |
|-------------------|--|
| Appearance | powder |
| Molecular Formula | C ₂₀ H ₂₆ O ₉ |
| Molecular Weight | 410.4150 |
| Purity | =99.18% |
| CAS No. | 21499-66-1 |
| Production Date | 2024-06-11 |

2. Analytical Data

| Test Item | Specification | Result |
|---------------|---------------------------|----------|
| HPLC | ≥98% | =99.18% |
| NMR | Consistent with structure | Confirms |
| Mass Spectrum | Consistent with structure | Confirms |

3. Structure



4. Storage Condition

| | | | |
|--|------------|-------|----------|
| Storage Condition | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |
| Note: This product requires protection from light (avoid light exposure) during transportation and storage. | | | |

Products are for research use only • Not for human or veterinary use