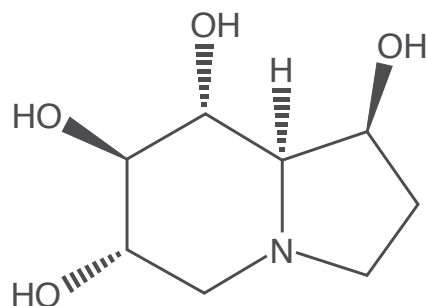


TECHNICAL DATA SHEET

CASTANOSPERMINE


Formula : C₈H₁₅NO₄

| CAS No | Mol. Weight | DMF Status |
|------------|-------------|--|
| 79831-76-8 | 189.21 | ACTIVE – Type II USDMF 10880 : Castanospermine |

| ANALYSIS | SPECIFICATION | METHOD |
|----------------------------|--|--------------------|
| DESCRIPTION: | White, crystalline solid, colourless. | Visual |
| MELTING RANGE: | 214°C – 216°C | In-house Validated |
| U.V. SPECTRUM: | End Absorption Only | In-house Validated |
| SPECIFIC OPTICAL ROTATION: | 80°C – 85°C | In-house Validated |
| LOSS ON DRYING: | NMT 1.0 % | In-house Validated |
| RESIDUE ON IGNITION: | NMT 0.1 % | In-house Validated |
| IMPURITY PROFILE: | Not greater than 2% total. Any individual impurity >0.1% must be identified | In-house Validated |
| ASSAY: | 98.5% – 102.0% | In-house Validated |

Products are manufactured according to the ICH GMP Guide for APIs

Products are manufactured under Phytext Australia GMP License (Australian Therapeutic Goods Administration (TGA))