



MOYEAM LEAVES BOTANICAL EXTRACT

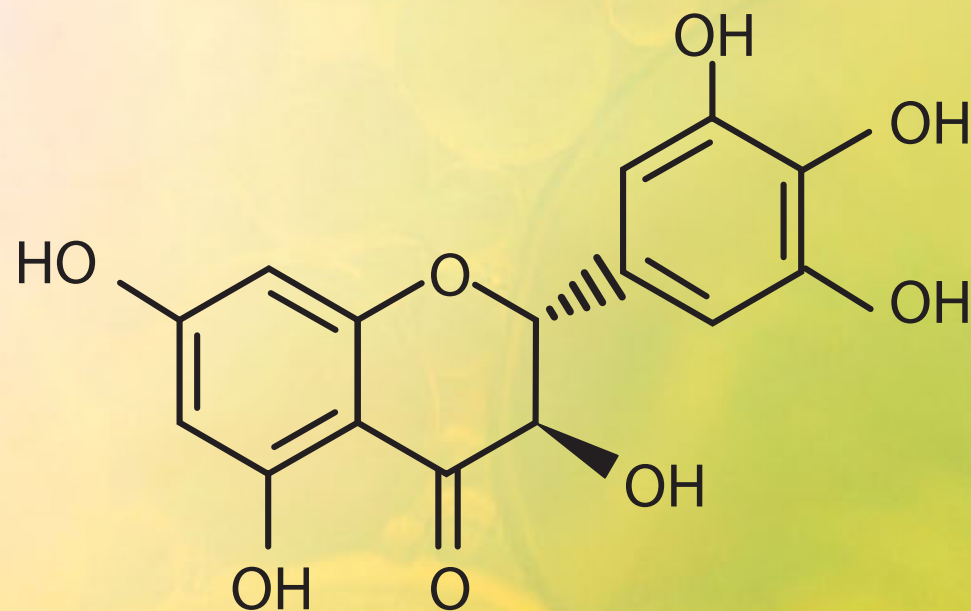
INCI: *AMPELOPSIS GROSSEDENTATA* LEAF EXTRACT

Used in Asian pharmacopoeia, Moyeam is rich in ampelopsin.

→ This flavonoid is involved in cellular cohesion and restructuring action of the skin.

BIOCHEMICAL COMPOSITION

- Ampelopsin 40.0 %





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Thanks to his technology, Antofenol obtains an innovative by-product extract with biological activity proven on *in vitro* testing.

GENES ACTIVATION AND % EFFECT

- **COL7A1 (Collagen, type VII, alpha 1) +130 %:** collagen VII is a constituent of the basal lamina. It forms fibrils that allow the anchoring of the basal lamina to the underlying connective tissue.
- **LAMC2 (Laminin, gamma 2) +70 %:** component of laminins, adhesion molecule to the basal lamina. It promotes the anchoring of cells at the dermo-epidermal junction.
- **FN1 (Fibronectin 1) +80 %:** fibronectin 1 is a protein involved in cell adhesion. It promotes the assembly of collagen fibers.
- **CASP14 (Caspase 14) +60 %:** caspase-14 is a protease that is mainly expressed in the suprabasal epidermal layers and activated during stratum corneum formation. It is required for the degradation of filaggrin into natural skin moisturizing factors.
- **FBN1 (Fibrillin 1) +50 %:** fibrillin 1 is a structural protein involved in maintaining elastic fibers in the skin.





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REGULATION

INCI	<i>Ampelopsis Grossedentata</i> leaf extract
Origin	China
Preservation	Preservative free
Certification	Cosmos approbation on demand
Natural index origin (ISO 16128)	100.0 %

TECHNICAL

Appearance	Limpid yellow liquid
Solubility	Water soluble
Recommended dosage	0.5 % - 5.0 %
Leads compounds	Ampelopsin 40.0 %

APPLICATIONS

- Based on *in vitro* testing: *Ampelopsis grossedentata* leaf extract activates many genes involved in cohesion and the basal lamina, which gives it a strong restructuring action.

