

ARP 100

HAIR GROWTH DELAYER



HYGIENE

ARP 100

PHYTOBIOACTIVE

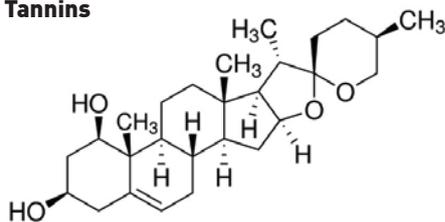
> ACTIONS

- Limits hair regrowth
- Reduces pilosity

COMPOSITION

Saponosides: 4 - 16% /MS*

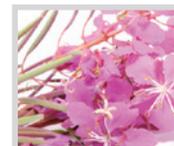
Tannins



* Dry matter

ORIGIN

Saw palmetto (North American palm)
Serenoa serrulata
(Fruit)



Rosebay willowherb (European herbaceous plant)
Epilobium angustifolium
(Aerial parts)

Pumpkin (annual Mexican creeper)
Cucurbita pepo
(Seed)



> MECHANISM OF ACTION

Dual action:

Rosebay willowherb contains high concentrations of proline that inhibits the formation of the keratin helix. Saw palmetto and pumpkin inhibit 5- α -reductase, limiting the production of 5-hydroxy-testosterone, which in turn limits hair bulb activity.

> COSMETIC BENEFITS

- Hair regrowth is slowed and the time between 2 depilations is extended; skin remains smoother and softer.

> APPLICATIONS COSMÉTIQUES

- ▶ Depilation products
- ▶ After-shave care products
- ▶ Anti-regrowth products
- ▶ Deodorants/Antiperspirants

> SCIENTIFIC PROCESS

• Pilosity

The factors affecting hair structure are mainly hormonal: the presence of dihydroxytestosterone (active form of testosterone) in the hair bulb is due to the activity of the enzyme 5- α -reductase (it converts testosterone into dihydroxytestosterone). Any substance capable of inhibiting this enzyme will delay hair growth.

• ARP 100

Proline, an essential amino acid contained in rosebay willowherb, limits hair regrowth by inhibiting the formation of the keratin helix.

Rosebay willowherb also contains macrocyclic tannins that limit testosterone production. Saw palmetto extract inhibits 5- α -reductase. This action is further reinforced by the anti-androgen effect of pumpkin. Thanks to its hormone-like effect, ARP 100 contributes to inhibiting hair regrowth.

