

Technical specifications

• *Telocapil 76050*

PROPERTIES	Retards / weakens body hair growth
APPLICATIONS	Specific post-depilation treatments. Daily use products: body moisturizers.
ACTIVE MOLECULES	Dihydromyricetin
APPEARANCE	Clear liquid Brown - light brown
SOLUBILITY	Soluble in aqueous solutions
RECOMMENDED DOSE	0.5-1.5% in daily use products 1.0-2.0% in specific treatment products

Formulation

• *Body milk hair growth retardant*

	INCI	%
A	Xanthan Gum	0.50
	Glycerin	3.00
	Water (Aqua)	70.00
	Disodium EDTA	0.10
	Acrylates C/10-30 Alkyl-Acrylate Crosspolymer	0.25
	B	Shea Butter
Glyceryl Stearate, Ceteareth-20, Ceteareth-12, Cetearyl Alcohol, Cetyl Palmitate		4.30
Hexyldecanol, Hexyldecanol Laurate		4.00
Decyl Oleate		3.00
Pentaerytrityl Distearate		0.60
Preservative		0.50
Antioxidant		0.10
Dimethicone		1.00
Isopropyl Palmitate		2.00
C		Imidazolidinyl Urea
	Water (Aqua)	2.20
D	Fragrance (Parfum)	0.35
	Vitamina F- E.G.	1.00
	Cyclomethicone	3.00
E	Triethanolamine	0.15
	Water (Aqua)	0.15
F	TELOCAPIL	1.50

Telocapil

Natural active ingredient as hair
growth delayer

Miscellaneous

Telocapil

Natural ingredient as hair growth delayer.

Features and benefits

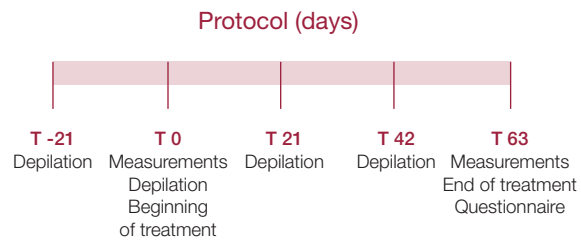
Selective inhibition by Telocapil of the tyrosine kinase activity of the IGF-1 receptor prevents follicular growth during the anagen phase.

This action on the hair cycle, results in reduced amount and impaired quality of body hair.

In Vivo

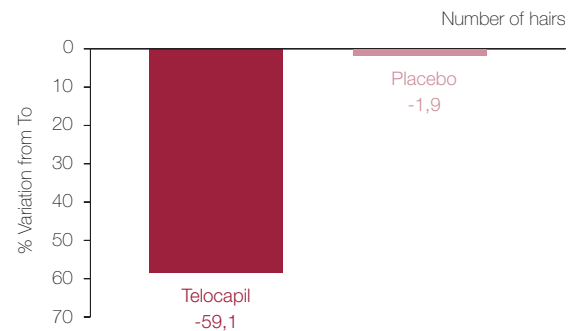
In Vivo activity

The study involved 15 volunteers, who applied Telocapil 2% on one leg and Placebo on the other leg, twice daily, for 63 days. Measurements were taken every 21 days. Volunteers filled an evaluation questionnaire by the end of the treatment.



• Hairiness reduction

Hairs were counted in a 4cm² area, delimited within the application zone.



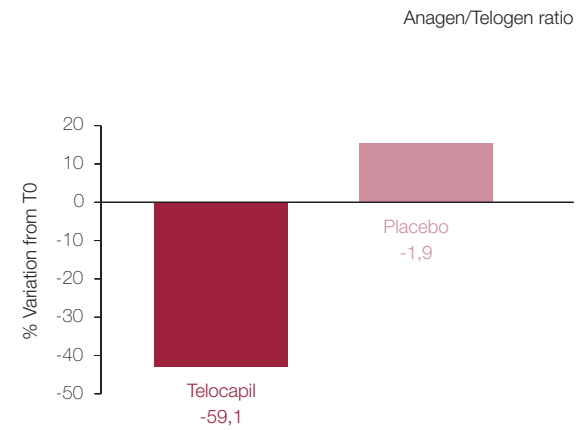
Telocapil reduced hairiness by about **60%** as compared to placebo.



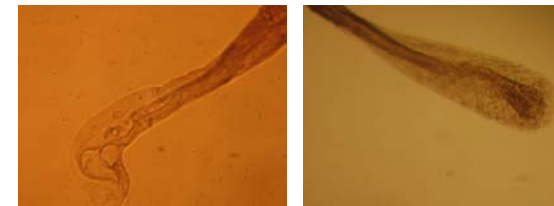
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• Hair growth reduction in the hair cycle



TELOCAPIL reduced the A/T ratio by **59%**



A
Anagen phase

B
Telogen phase

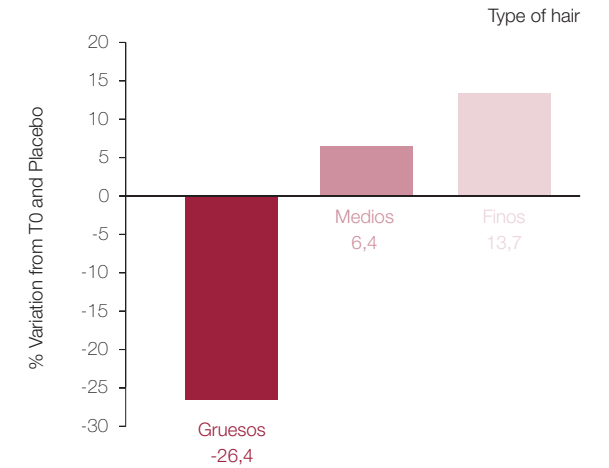
Efficacy perception

- **93%** of the volunteers noticed reduced amount of hair.
- **80%** of the volunteers noticed thinner hair.
- Telocapil is an efficient natural active compound that reduces the amount and impairs the quality of body hair.

Cosmetic applications

- After depilation products
- Retards body hair growth
- Weakens body hair

• Reduction of hair thickness



TELOCAPIL reduced the percentage of thick hairs by about **30%**



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Toxicological information

This product has been evaluated according to the available toxicological information, based on safety assays and bibliographical data. These data allow the conclusion that using this ingredient, under the normal conditions for the use of cosmetics and at the recommended concentrations, is free of risks.