

Active Beauty
Axolight[®]
Powerful skin lightener



Givaudan

engage your senses



Axolight

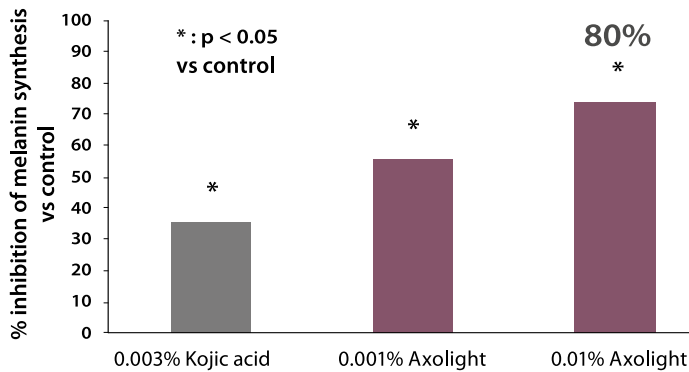
Powerful skin lightener



Axolight is a solution rich in arabinoxylo-oligosaccharides with lightening properties. It works through an innovative mechanism of action, specific to the human model, that inhibits melanogenesis targeting tyrosinase and tyrosinase-related protein-1 (TRP-1). With Axolight, put light on your beauty.

Inhibition of melanin synthesis (*In vitro* test)

On normal human melanocytes

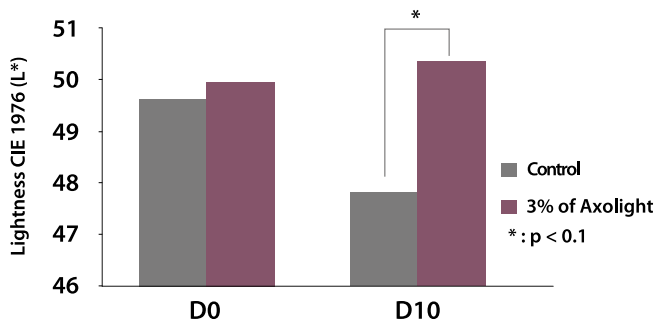


- ⊕ Inhibition of tyrosinase by 25% (*In vitro* test)
- ⊕ Inhibition of TRP-1 by 88% (*Ex vivo* test)

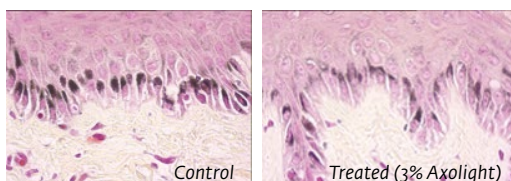
Prevention of the UV-induced coloration (*Ex vivo* test)

Skin explants (caucasian woman of 33 years old) were treated with 3% of Axolight every 2 days, and irradiated by UV everyday.

Inhibition of skin color



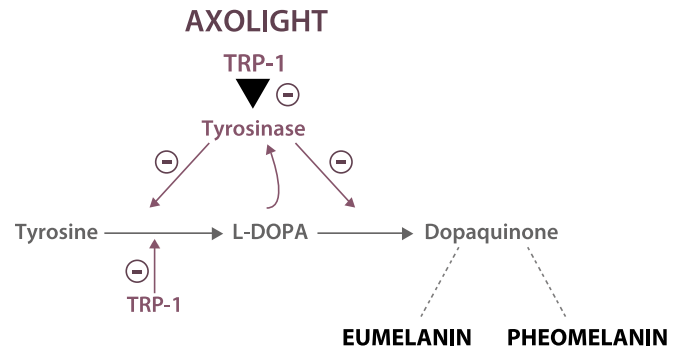
Diminution of melanin quantity



Visualization of melanin at D10: diminution by 18%.

Action in the melanogenesis

On human model

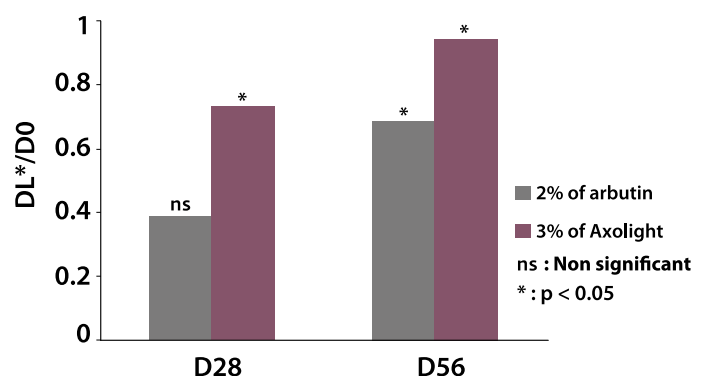


Recent scientific data have shown that TRP-1 acts in the first step of melanogenesis.

Skin lightening (*In vivo* test)

Panelists (22 Asian-type women, average age: 37 years old) applied on the forearm, twice a day during 56 days, a cream with 3% of Axolight or a cream with 2% of arbutin.

Variation of luminosity L* vs Do



91% of volunteers have shown a lightening effect vs 82% for cream with arbutin.

(measure done with a mexameter)

INCI name: Water (and) Hydrolyzed Wheat Flour.

Preservative: None.

Dosage: 2% to 3% | Form: liquid | Hydrosoluble

Cosmetic applications: Lightening and anti-aging product (for age spot prevention).