



Natural Antifungal

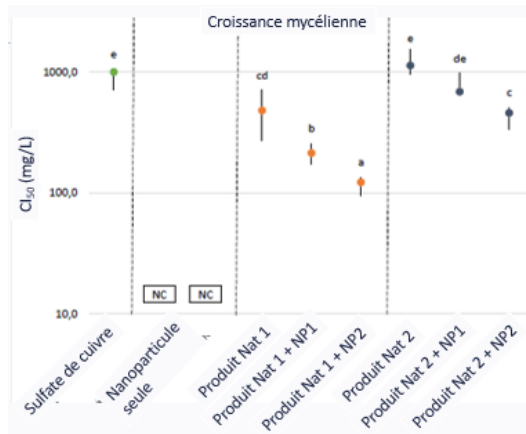
Technology

Antifungal based on natural products transported by biodegradable biopolymer nanoparticles

Targets: Apple and Potato Fungus

Scalable and green process:
no organic solvents
no toxic entrants

Activity of natural products against fungal diseases enhanced with the formulation



Keywords

- Bio-antifungal
- Potatoes and apple disease
- Biobased
- Biodegradable



Intellectual Property

IP in progress



Development Status

Proof of concept at the laboratory level

Tests in vitro

Benefits

- Process that can be industrialized at low cost
- Green process: no toxic reagent, low T (°C)
- One step formulation in the water (no generation of pollutants)
- No solubility problems of natural products
- Formulations with nanoparticles disperse in water
- Activity of natural products against different fungal diseases reinforced by the formulation

Applications

- Protection of several types of crops



Partnership

Co-maturation with an company to formulation phase

Licensing

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