

Grapevine trunk diseases: prevention and treatment



KEYWORDS

Wood diseases
Fungal infections
Treatment

PATENTS

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INVENTORS

C. Bertsch
(LVBE – EA 3991)
C. Tarnus
(COB, EA 4566)

- Human drug acting as a new treatment of Esca, Black Dead Arm and Eutypiose
- Non toxic in human and plant

TECHNOLOGY

- Molecule inhibiting *Neofusicoccum parvum* (Esca, Black dead arm) and *Botrytis cinerea* (noble rot and gray mold symptoms) proliferation
- Wood penetration
- Prevents fungal propagation
- IC50 in the range 14 - 20 mM
- Immune-stimulating properties

APPLICATIONS

- Grapevine trunk diseases
- Phytosanitary treatment for agriculture

INNOVATION ADVANTAGES

- Unique effective treatment to date
- Marketed OTC drug

DEVELOPMENT STATUS

- Fungal plant pathogens screening ongoing
- *Proof of concept* in plants forthcoming

Partnership: seeking partners to enter co-conception program

CONTACT

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