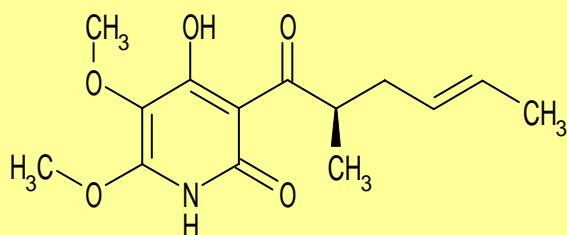


# Harzianopyridone

Cat.# BLK0670

## Structure

**Origin:** *Trichoderma harzianum* FKI-1509**CAS Registry Number:** 126637-69-2**CA Index Name:****Appearance:** white solid**Molecular Formula/ Weight:** C<sub>14</sub>H<sub>19</sub>NO<sub>5</sub>=281.31**Melting Point:** 74-76**Purity:** >95% by HPLC**Solubility:** Sol. in MeOH, Chloroform, EtOAc, Acetone, DMSO, Acetonitrile  
Inso. in water, Hexane

## Background Information:

Harzianopyridone was isolated from secondary metabolites of *Trichoderma harzianum*. Harzianopyridone showed antifungal and antibacterial activities<sup>1, 2</sup>.

Recently, it has been reported to inhibit the NADH-fumarate reductase activity of adult *Ascaris suum* mitochondria<sup>3</sup>.

## Handling and Storage:

Store at -20 .

## References:

1. J. Dickinson, et al. *J. Chem. Soc. Perkin Trans. 1*, 1885–1887 (1989).
2. G. Horace, et al. *Agric. Biol. Chem.* **55**, 2629-2631 (1991).
3. H. Miyadera, et al. *Proc. Natl. Acad. Sci. U S A.* **100**, 473-477 (2003).

Manufactured with Cortesy strain from The Kitasato Institute.