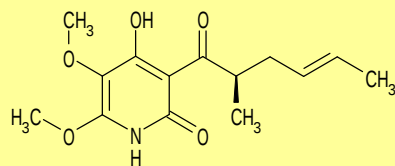


Harzianopyridone

Cat.# BLK0670

Structure



Harzianopyridone

Origin: *Trichoderma harzianum* FKI-1509

CAS Registry Number: 126637-69-2

CA Index Name:

Appearance: white solid

Molecular Formula/ Weight: C₁₄H₁₉NO₅=281.31

Melting Point: 74-76

Purity: >95% by HPLC

Solubility: Sol. in MeOH, Chloroform, EtOAc, Acetone, DMSO, Acetonitrile
Inso. in water, Hexane

pKa:

log P:

Background Information:

Harzianopyridone was isolated from secondary metabolites of *Trichoderma harzianum*. Harzianopyridone showed antifungal and antibacterial activities^{1, 2}.

Recently, it has been reported to inhibit the NADH-fumarate reductase activity of adult *Ascaris suum* mitochondria³.

Handling and Storage:

Store at -20 °C.

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.

(ID#: FKI-1509)