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# **DATASHEET**

Pyridoxatin

#### **Product overview**

 Name
 Pyridoxatin

 Cat No
 HB4043

 Purity
 >95%

**Description** MMP-2 inhibitor. Antibiotic.

## **Biological Data**

**Biological description** Gelatinase A (MMP-2) inhibitor. Antibiotic. Free radical scavenger. Lipid peroxidation inhibitor.

Antimicrobial activity against Candida albicans. Anticancer. Cytotoxic. DNA synthesis inhibitor.

### **Solubility & Handling**

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

### **Chemical Data**

Molecular Weight Chemical structure 263.3

CH<sub>3</sub>

H<sub>3</sub>C\*\*

HO

N

CH<sub>2</sub>

CAS Number

PubChem identifier

**SMILES** C[C@H]1C[C@@H](C)[C@H](C1)C=C)C2=C(O)N(O)C=CC2=O

InChiKey IYINVMYXDLIGAM-NOHGZBONSA-N

135529-30-5

Appearance White solid