## **Product** Data Sheet

## **Pyridinoline**

Cat. No.: HY-113403 CAS No.: 63800-01-1 Molecular Formula:  $C_{18}H_{28}N_4O_8$ Molecular Weight: 428.44

Target: Endogenous Metabolite

Pathway: Metabolic Enzyme/Protease

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

# O OH N+ NH<sub>2</sub> NH<sub>2</sub> NH<sub>2</sub>

### **BIOLOGICAL ACTIVITY**

**Description** Pyridinoline, a fluorescent material, is a bone resorption biomarker. Pyridinoline also is a type crosslink of collagen<sup>[1]</sup>.

#### **REFERENCES**

[1]. Fujimoto D. Isolation and characterization of a fluorescent material in bovine achilles tendon collagen. Biochem Biophys Res Commun. 1977 Jun 20;76(4):1124-9.

Caution: Product has not been fully validated for medical applications. For research use only.