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DATASHEET

Terrein

Product overview

Name Terrein Cat No HB4103 **Purity** >98%

Description Antibacterial phytotoxin

Biological Data

Biological description

Antibacterial. Phytotoxin. Melanogenesis inhibitor by reducing tyrosinase production via extracellular signal-regulated protein kinase (ERK) activation. Keratinocyte and epidermis proliferation inhibitor. Antiinflammatory modulator in pulpal inflammation. Angiogenesis inhibitor through angiogenin secretion inhibition. Collagen-induced platelet aggregation inhibitor. Antioxidant agent that enhances osseointegration by decreasing the level of ROS and having a potentially synergistic effect on osteoblast differentiation. Proteasome inhibitor.

Solubility & Handling

Storage instructions

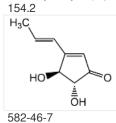
Important

+4°C

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

Chemical Data

Chemical name Molecular Weight **Chemical structure** 4,5-Dihydroxy-3-(1-propenyl)-2-cyclopenten-1-one



CAS Number PubChem identifier

 $C\C=C\C1=CC(=O)C(O)C1O$ **SMILES** InChiKey MHOOPNKRBMHHEC-HZIBQTDNSA-N

Appearance White to off-white solid