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DATASHEET

Terrein

Product overview

Name	Terrein
Cat No	HB4103
Purity	>98%
Description	Antibacterial phytotoxin

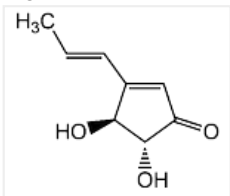
Biological Data

Biological description	Antibacterial. Phytotoxin. Melanogenesis inhibitor by reducing tyrosinase production via extracellular signal-regulated protein kinase (ERK) activation. Keratinocyte and epidermis proliferation inhibitor. Anti-inflammatory 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.
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Solubility & Handling

Storage instructions	+4 °C
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

Chemical name	4,5-Dihydroxy-3-(1-propenyl)-2-cyclopenten-1-one
Molecular Weight	154.2
Chemical structure	
CAS Number	582-46-7
PubChem identifier	0
SMILES	<chem>C/C=C/C1=CC(=O)C(O)C1O</chem>
InChiKey	MHOOPNKRBMHHEC-HZIBQTDNSA-N
Appearance	White to off-white solid