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DATASHEET

Sericic acid

Product overview

Name	Sericic acid
Cat No	HB4081
Purity	>95%
Description	Phosphodiesterase 4 (PDE4) inhibitor with various biological actions

Biological Data

Biological description	Anti-inflammatory. Antibacterial. Antifungal. Haemolytic agent. Weak phosphodiesterase 4 (PDE4) inhibitor. Antioxidant.
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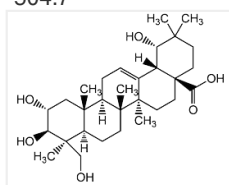
Solubility & Handling

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	2,3,19,23-Tetrahydroxyolean-12-en-28-oic acid
Molecular Weight	504.7

Chemical structure



Molecular Formula	C ₃₀ H ₄₈ O ₆
CAS Number	55306-03-1
PubChem identifier	124214
SMILES	<chem>CC1(C)CC[C@@]2(CC[C@]3(C)C(=CC[C@@H]4[C@@]5(C)C[C@@H](O)[C@H](O)[C@](C)(CO)[C@@H]5CC[C@@]34C)[C@@H]2[C@@H]1O)C(O)=O</chem>
InChi	InChI=1S/C30H48O6/c1-25(2)11-13-30(24(35)36)14-12-28(5)17(21(30)23(25)34)7-8-20-26(3)15-18(32)22(33)27(4,16-31)19(26)9-10-29(20,28)6/h7,18-23,31-34H,8-16H2,1-6H3,(H,35,36)/t18-,19-,20-,21-,22+,23+,26+,27-,28-,29-,30+/m1/s1
InChiKey	IFIQVSCCFRXSJV-GOVAGAJPSA-N
MDL number	MFCD24849375
Appearance	White crystalline solid