



Product Information

2,3,24-Trihydroxy-12-ursen-28-oic acid

Cat. No.: X23-05-YM648

Size: 5 mg; 10 mg; 20 mg

CAS Number: 89786-83-4

Compound CID: 12308659

Synonym: 89786-83-4;

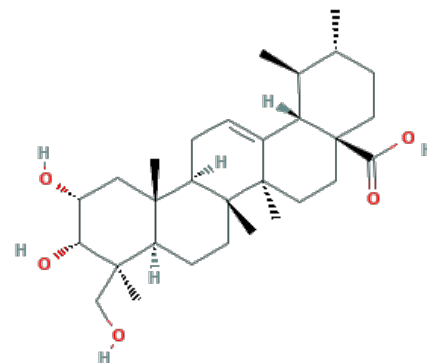
(1S,2R,4aS,6aR,6aS,6bR,8aR,9S,10S,11R,12aR,14bS

)-10,11-Dihydroxy-9-(hydroxymethyl)-1,2,6a,6b,9,12a-

hexamethyl-2,3,4,5,

6,6a,7,8,8a,10,11,12,13,14b-tetradecahydro-1H-picene-4a-carboxylic acid

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	2,3,24-Trihydroxy-12-ursen-28-oic acid is from the herbs of <i>Callicarpa bodinieri</i> Levl. that displays significant inhibitory effects on the fungus mentioned.
Molecular Formula	C ₃₀ H ₄₈ O ₅
IUPAC Name	(1S,2R,4aS,6aR,6aS,6bR,8aR,9S,10S,11R,12aR,14bS)-10,11-Dihydroxy-9-(hydroxymethyl)-1,2,6a,6b,9,12a-hexamethyl-2,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydro-1H-picene-4a-carboxylic acid
InChI	InChI=1S/C30H48O5/c1-17-9-12-30(25(34)35)14-13-28(5)19(23(30)18(17)2)7-8-22-26(3)15-20(32)24(33)27(4,16-31)21(26)10-11-29(22,28)6/h7,17-18,20-24,31-33H,8-16H2,1-6H3,(H,34,35)/t17-,18+,20-,21-,22-,23+,24-,26+,27-,28-,29-,30+/m1/s1
InChI Key	JXSVIVRDWWRQRT-UMCOSQRYSA-N
Canonical SMILES	CC1CCC2(CCC3(C(=CCC4C3(CCC5C4(CC(C(C5(C)CO)O)O)C)C)C2C1C)C(=O)O
Isomeric SMILES	C[C@@H]1CC[C@@]2(CC[C@@]3(C(=CC[C@H]4[C@]3(CC[C@@H]5[C@@]4(C[C@H]([C@H]([C@]5(C)CO)O)O)C)[C@H]2[C@H]1C)C(=O)O
Source	The herbs of <i>Callicarpa bodinieri</i> Levl.
Form	Powder
Purity	≥98%, determined by HPLC.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	2,3,24-Trihydroxy-12-ursen-28-oic acid is useful for its antifungal activity.



Storage

Store at 4°C. Protect from light.

Safety Information

Personal Protective

Gloves, eyeshields, N95 mask

Equipment
