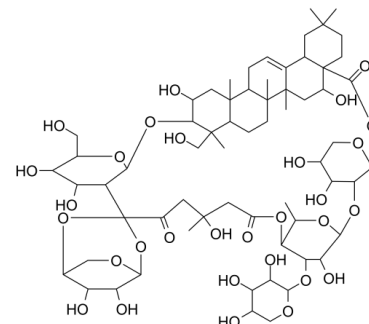


Data Sheet

Product Name:	Tubeimoside II
Cat. No.:	CS-3734
CAS No.:	115810-12-3
Molecular Formula:	C ₆₃ H ₉₈ O ₃₀
Molecular Weight:	1335.43
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Tubeimoside II (Tubeimoside-B) is a natural analogue of oleanane type of triterpenoid saponin; show anti-inflammatory, antitumor, and antitumor-promoting effects. IC₅₀ value: Target: The anti-inflammatory, anti-tumor, and anti-tumorigenic activities of tubeimoside II are stronger than those of tubeimoside I, and the acute toxicity of tubeimoside II is lower than that of tubeimoside I; the anti-inflammatory, anti-tumor, and anti-tumorigenic activities of tubeimoside III are stronger than those of tubeimoside II, and the acute toxicity of tubeimoside III is also stronger than that of tubeimoside II.

References:

[1]. Yu TX, et al. Structure-activity relationship of tubeimosides in anti-inflammatory, antitumor, and antitumor-promoting effects. *Acta Pharmacol Sin.* 2001 May;22(5):463-8.

CAIndexNames:

Olean-12-en-28-oic acid, 3-[[[2-O-[4-O-[(3S)-4-carboxy-3-hydroxy-3-methyl-1-oxobutyl]-α-L-arabinopyranosyl]-β-D-glucopyranosyl]oxy]-2,16,23-trihydroxy-, 28-(O-β-D-xylopyranosyl-(1→3)-O-6-deoxy-α-L-mannopyranosyl-(1→2)-α-L-arabinopyranosyl) ester, intramol. 4''(3)→4''(28)-ester, (2β,3β,4α,16α)-

SMILES:

OC1C(C(OC(OCC(O)C2O)C2OC(OC(C)C(OC(CC(O)(CC(O3)=O)C)=O)C4OC(OCC(O)C5O)C5O)C4O)=O)(CCC(C)(C)C6)C6C7=CCC8C(C)(CCC9C8(CC(O)C(OC(OC(CO)C(O)C%10O)C%10OC(OCC3C%11O)C%11O)C9(C)CO)C)C7(C)C1

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA