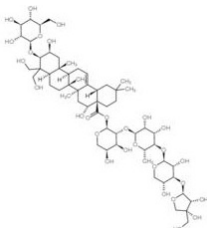


Product Name	: Platycodin D	
Synonyms	: ———	
Cat No.	: M18847	
CAS Number	: 58479-68-8	
Molecular Formula	: C ₅₇ H ₉₂ O ₂₈	
Formula Weight	: 1225.34	
Chemical Name	: ———	
Description	: Platycodin D may stimulate TNF-α synthesis or inhibit degradation of TNF-α mRNA. Platycodin D (10/30 μM) suppresses prostaglandin E2 production in rat peritoneal macrophages stimulated by the protein kinase C activator 12-O-tetradecanoyl phorbol 13-acetate (TPA). Platycodin D and D3 are useful as expectorant agents in the treatment of various airway diseases, they can increase mucin release from rat and hamster tracheal surface epithelial cell culture and also from intact rat trachea upon nebulization.	
Pathway	: Endocrinology/Hormones	
Target	: AChR	
Receptor	: PGE2	
Solubility	: ———	
SMILES	: <chem>C1C(CC[C@@]2([C@H](C[C@]3([C@@]4CC[C@H]5C([C@H]([C@H](C[C@@]5(C4CC=C3[C@H]12)CO)O[C@@H]1O[C@H]([C@H]([C@H]([C@H]1O)O)O)CO)(CO)C)CO)C(=O)O[C@@H]1OC[C@@H]([C@@H]([C@H]1O[C@H]1O[C@H]([C@H]([C@H]([C@H]([C@H]1O)O)O)[C@H]1OC[C@H]([C@@H]([C@H]1O)O[C@H]1OC[C@@]([C@H]1O)(CO)O)O)C)C</chem>	
Storage	: (-20℃)	
Stability	: ≥ 2 years	
Reference	:	

1. Kwon OG,ET AL. The Effects of Platycodin D, a Saponin Purified from Platycodi Radix, on Collagen-Induced DBA/1J Mouse Rheumatoid Arthritis. Evid Based Complement Alternat Med. 2014;2014:954508.