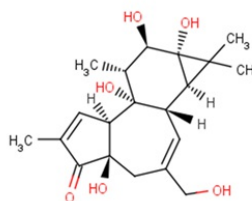


Product Name	: Phorbol
Synonyms	: Phorbol
Cat No.	: M17376
CAS Number	: 17673-25-5
Molecular Formula	: C ₂₀ H ₂₈ O ₆
Formula Weight	: 364.43
Chemical Name	: (1aR,1bS,4aR,7aS,7bS,8R,9R,9aS)-4a,7b,9,9a-tetrahydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-1,1a,1b,4,4a,7a,7b,8,9,9a-decahydro-5H-cyclopropa[3,4]benzo[1,2-e]azulen-5-one
Description	: Phorbol is a plant-derived diterpene that promotes tumor growth through the activation of protein kinase C.
Pathway	: Metabolic Enzyme/Protease
Target	: Lipase
Receptor	: PKC
Solubility	: DMSO : 66.67 mg/mL 182.94 mM; H ₂ O : ≥ 20 mg/mL 54.88 mM
SMILES	: <chem>C1(=O)C=C[C@H]2[C@@]3([C@@H](C=C[C@]12O)CO)[C@H]1[C@@]([C@@H]([C@H]3C)O)(C1(C)C)O)O)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Kim YL, et al. Bombyx mori hemocyte extract has anti-inflammatory effects on human phorbol myristate acetate-differentiated THP1 cells via TLR4-mediated suppression of the NF-κB signaling pathway. Mol Med Rep. 2017 Jul 26.