
Product Name	: Phorbol 12,13-dibutyrate
Synonyms	: —
Cat No.	: M33465
CAS Number	: 37558-16-0
Molecular Formula	: C ₂₈ H ₄₀ O ₈
Formula Weight	: 504.61
Chemical Name	: —
Description	: Phorbol 12,13-dibutyrate (Phorbol dibutyrate) is a PKC activator and a potent skin tumor promoter.
Pathway	: Angiogenesis
Target	: PKC
Receptor	: PKC
Solubility	: In Vitro: ?DMSO : ≥ 125 mg/mL (247.72 mM)
SMILES	: <chem>[H][C@]12[C@]3([H])C=C(CO)C[C@]4(O)C(=O)C(C)=C[C@@]4([H])[C@@]3(O)[C@H](C)[C@@H](OC(=O)CCC)[C@@]1(OC(=O)CCC)C2(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Singh J, et al. Immunocytochemical evidence for PDBu-induced activation of RhoA/ROCK in human internal anal sphincter smooth muscle cells. Am J Physiol Gastrointest Liver Physiol. 2011 Aug;301(2):G317-25.?