P-4833 Phorbol 12,13-Dibutyrate, >99%

[PDBu]

M.W. 504.63  C\textsubscript{28}H\textsubscript{40}O\textsubscript{8}  [37558-16-0]  RTECS: EK7767000

WARNING: Highly irritant to skin and mucous membranes. SPECIAL HAZARD: TUMOR PROMOTER. Gloves and mask should be worn when using this compound. Care must be taken to prevent contact through all routes of exposure.

Storage: Store at or below -20 °C. Solubility: Soluble in DMSO or ethanol. Disposal: A

- Widely used PKC activator; less potent than PMA, but also less hydrophobic, making it easier to wash out of cells in tissue culture.

- This was the ligand used, in radioactive form, in the discovery of the phorbol ester receptor. Driedger, P.E. and Blumberg, P.M. *Proc. Natl. Acad. Sci. USA* **77**: 567-571 (1980).

- Tritium-labeled PDBu, [\textsuperscript{3}H]PDBu, is available from several suppliers of radiochemicals.

- Please request Technical Note #14 for additional information.