

Certificate of Analysis



| Product Identification | | Chemical Structure |
|-------------------------|--|----------------------------|
| Catalog number | HB0502 | |
| Compound name | Phorbol 12-myristate 13-acetate (PMA) | |
| Chemical name | (1aR,1bS,4aR,7aS,7bS,8R,9R,9aS)-9a-(Acetyloxy)-1a,1b,4,4a,5,7a,7b,8,9,9a-decahydro-4a,7b-dihydroxy-3-(hydroxymethyl)-1,1,6,8-tetramethyl-5-oxo-1H-cyclopropa[3,4]benz[1,2-E]0396-1-1 | |
| Batch number | E0396-1-1 | |
| Batch molecular formula | C ₃₆ H ₅₆ O ₈ | |
| Batch molecular weight | 616.80 | |
| Method | QC requirement | QC Result |
| HPLC | Reverse Phase HPLC shows >98% purity | Meets specification: 99.9% |
| NMR | ¹ H NMR at 400 MHz consistent with structure | Meets specification |

Produced by

Signature

Passed by

Signature

Date

20-09-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.