



Almost All PMA (Phorbol 12-Myristate 13-Acetate, TPA) Used in Laboratory Research is Made by LC Laboratories

December 8, 2017

Although most researchers who use PMA might not realize it, LC Labs has manufactured almost all of the PMA used in laboratory bioresearch worldwide for the past several decades.

Over the years, **we have provided more than 300,000 vials of PMA** to the biomedical research community.

Experimental results from thousands of labs, as reported in thousands of peer-reviewed articles, have shown LC Labs' >99.5% pure PMA to be an extremely reliable reagent for *in vitro* and *in vivo* studies.

Although some researchers buy PMA directly from LC Labs, historically most of our PMA has been provided through distributors and resellers:

- about 15 LC Labs distributors, who sell under the LC Laboratories label, and
- about 40 resellers, who buy our PMA and sell it under their own labels, not ours.

These 55 distributors and resellers include major worldwide biochemical vendors, along with numerous smaller vendors.

If it is convenient for your lab to buy PMA directly from LC Labs, you can **save a lot of money without worrying about quality**.

P-1680 Phorbol 12-Myristate 13-Acetate, >99.5%

1 mg	\$26
5 mg	\$98
10 mg	\$169
25 mg	\$339
100 mg	\$1220

Highest purity, lowest prices: [View other vendors' prices and purity claims for PMA.](#)

Shipping & Handling: [Shipping and handling are free to the U.S. and 33 other countries.](#)

A Cautionary Story: One somewhat well-known reagent reseller stopped buying PMA from LC Labs back in 2011. When we analyzed their current PMA product a few weeks ago, it was only about 96% pure, even though their product description claimed >99% purity and their Certificate of Analysis claimed >99.9% purity. The multiple impurities appear to be structurally similar to PMA but might have different bioactivity profiles than PMA on one or more of PMA's multiple receptor types.

Please always [check our website](#) for the most up-to-date prices.

* LC Laboratories is a U.S. company, founded in 1980. We are now providing translations of some technical publications and announcements into several languages.

LOOK HERE FIRST for:

- **The Most Important Cell Signaling and Preclinical Oncology Compounds**
- **The Highest Purities**
- **The Lowest Prices**

Our policy is to send only infrequent, very brief updates on the following topics:

- New products and/or new lots available from stock
- Price reductions
- Changes to our web site, services or policies
- Announcements of new printed editions of the LC Labs catalog
- Alerts for new articles and technical notes published by our scientists

Customer Service

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