

"Cancer research workers are increasingly recognising the importance of the tumour-promoting stage in carcinogenesis. . ." (BMA No. 6137, pg. 585, Aug. 1978)

Now Cambrian Chemicals can offer an important group of products for this work, the phorbol esters, some of which occur naturally in croton oil, a well known tumour promoter. *Because of improved synthetic methods we are able to substantially reduce our prices, and the following are available from stock:*

PHORBOL

M.W. 364.42
m.p. 240–248°C

P5538	10 mg	£18.00
	5 × 10 mg	£80.00

Non-inflammatory to mouse skin, used experimentally as a control.

PHORBOL-12-MYRISTATE-13-ACETATE

M.W. 616.80
m.p. 72°C

P5539	10 mg	£45.50
	5 × 10 mg	£195.00

The most potent known tumour promoter and highly inflammatory for mouse skin. Induces ornithine decarboxylase in hamster embryo fibroblasts (*Cancer Res.* **37**, 3895–3900) and stimulates DNA synthesis (*Nature* **262**, 402–404).

PHORBOL-12,13-DIACETATE

M.W. 448.49

P5878	10 mg	£39.50
	5 × 10 mg	£160.00

Weakly active as an inflammatory and tumour promoting agent.

PHORBOL-13,20-DIACETATE

M.W. 448.49

P5879	10 mg	£39.50
	5 × 10 mg	£160.00

Essentially non-irritant for mouse skin.

PHORBOL-12,13-DIBENZOATE

M.W. 572.62

P5880	10 mg	£39.50
	5 × 10 mg	£160.00

Moderately inflammatory but quite weak as a tumour promoter.

4 α -PHORBOL-12,13-DIDECANOATE

M.W. 672.91

P5652	10 mg	£39.50
	5 × 10 mg	£160.00

Inactive on mouse skin, used as a negative control against Phorbol-12,13-didecanoate.

Other phorbol derivatives will be available shortly and your enquiries are invited.

CAMBRIAN CHEMICALS

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Carboxypeptidase Y	C terminal proline	238139	10 mg	24.50
Aminopeptidase M	N-terminal peptide	102768	5 mg	19.80
Clostripain	Arg-Pro	161322	500 U	34.70
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