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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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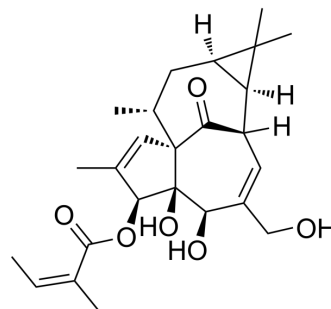
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Ingenol Mebutate (Standard)

| | |
|---------------------------|---|
| Cat. No.: | HY-B0719R |
| CAS No.: | 75567-37-2 |
| Molecular Formula: | C ₂₅ H ₃₄ O ₆ |
| Molecular Weight: | 430.53 |
| Target: | PKC |
| Pathway: | Epigenetics; TGF-beta/Smad |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | Ingenol Mebutate (Standard) is the analytical standard of Ingenol Mebutate. This product is intended for research and analytical applications. Ingenol Mebutate is an active ingredient in Euphorbia peplus, acts as a potent PKC modulator, with K _s of 0.3, 0.105, 0.162, 0.376, and 0.171 nM for PKC-α, PKC-β, PKC-γ, PKC-δ, and PKC-ε, respectively, and has antiinflammatory and antitumor activity. |
| IC₅₀ & Target | Ki: 0.3 nM (PKC-α), 0.105 nM (PKC-β), 0.162 nM (PKC-γ), 0.376 nM (PKC-δ), 0.171 nM (PKC-ε) ^[1] |

REFERENCES

- [1]. Kedei N, et al. Characterization of the interaction of ingenol 3-angelate with protein kinase C. *Cancer Res.* 2004 May 1;64(9):3243-55.
- [2]. Hampson P, et al. PEP005, a selective small-molecule activator of protein kinase C, has potent antileukemic activity mediated via the delta isoform of PKC. *Blood.* 2005 Aug 15;106(4):1362-8.
- [3]. Ghoul A, et al. Epithelial-to-mesenchymal transition and resistance to ingenol 3-angelate, a novel protein kinase C modulator, in colon cancer cells. *Cancer Res.* 2009 May 15;69(10):4260-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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