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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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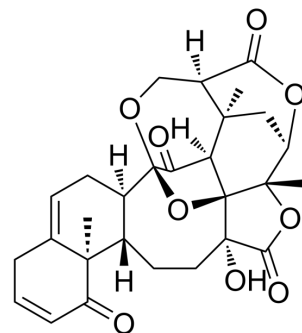
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Physalin B

Cat. No.:	HY-N7695
CAS No.:	23133-56-4
Molecular Formula:	C ₂₈ H ₃₀ O ₉
Molecular Weight:	510.53
Target:	Apoptosis; Autophagy
Pathway:	Apoptosis; Autophagy
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Physalin B, one of the major active steroidal constituents of Cape gooseberry, induces cell cycle arrest and triggers apoptosis in breast cancer cells through modulating p53-dependent apoptotic pathway. Physalin B inhibits the ubiquitin-proteasome pathway and induces incomplete autophagic response in human colon cancer cells in vitro^{[1][2]}.

REFERENCES

- [1]. Wang A, et al. Physalin B induces cell cycle arrest and triggers apoptosis in breast cancer cells through modulating p53-dependent apoptotic pathway. *Biomed Pharmacother.* 2018;101:334-341.
- [2]. Ma YM, et al. Physalin B not only inhibits the ubiquitin-proteasome pathway but also induces incomplete autophagic response in human colon cancer cells in vitro. *Acta Pharmacol Sin.* 2015;36(4):517-527.

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

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