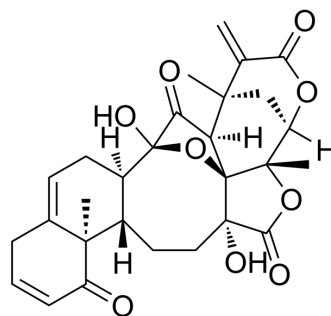


Physalin C

| | |
|---------------------------|---|
| Cat. No.: | HY-N8679 |
| CAS No.: | 27503-33-9 |
| Molecular Formula: | C ₂₈ H ₃₀ O ₉ |
| Molecular Weight: | 510.53 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | | | | | | | | | |
|--------------------|---|------------|--------------------|----------------|----------|------------------|------|---------|--|
| Description | Physalin C is a natural product that can be found in physalis angulata. Physalin C shows cytotoxic activities against MCF-7 and HepG2 cells ^[1] . | | | | | | | | |
| In Vitro | <p>Physalin C (compound 6) (0-100 μM; 72 h) shows cytotoxic activities against MCF-7 and HepG2 cells with IC₅₀s of 10.5, 24.2 μM, respectively^[1].</p> <p>Caution: Product has not been fully validated for medical applications. For research use only.</p> <p>Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com MCE has not independently confirmed the accuracy of these methods. They are for reference only. Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA</p> <p>Cell Cytotoxicity Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>MCF-7, HepG2 cells</td> </tr> <tr> <td>Concentration:</td> <td>0-100 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>72 h</td> </tr> <tr> <td>Result:</td> <td>Showed cytotoxic activities with IC₅₀s of 10.5, 24.2 μM for MCF-7, HepG2 cells, respectively.</td> </tr> </table> | Cell Line: | MCF-7, HepG2 cells | Concentration: | 0-100 μM | Incubation Time: | 72 h | Result: | Showed cytotoxic activities with IC ₅₀ s of 10.5, 24.2 μM for MCF-7, HepG2 cells, respectively. |
| Cell Line: | MCF-7, HepG2 cells | | | | | | | | |
| Concentration: | 0-100 μM | | | | | | | | |
| Incubation Time: | 72 h | | | | | | | | |
| Result: | Showed cytotoxic activities with IC ₅₀ s of 10.5, 24.2 μM for MCF-7, HepG2 cells, respectively. | | | | | | | | |

REFERENCES

[1]. Jia-Jia Fan, et al. A Novel Cytotoxic Physalin from Physalis angulata. Natural Product Communications, 2017, 12(10):1589-1591.