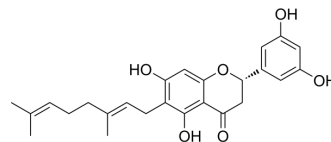


Schizolaenone C

| | |
|--------------------|---|
| Cat. No.: | HY-N11136 |
| CAS No.: | 928760-56-9 |
| Molecular Formula: | C ₂₅ H ₂₈ O ₆ |
| Molecular Weight: | 424.49 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | Schizolaenone C is a natural product that can be found in <i>Schizolaena hystrix</i> . Schizolaenone C exhibits anti-proliferative and anti-oxidative activities ^{[1][2]} . |
| In Vitro | Schizolaenone C inhibits the growth of A2780 human ovarian cells, with IC ₅₀ of 21 μM ^[1] . Schizolaenone C inhibits peroxynitrite induced tyrosine nitration ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

- [1]. Murphy BT, et, al. Cytotoxic compounds of *Schizolaena hystrix* from the Madagascar rainforest. *Planta Med.* 2006 Oct;72(13):1235-8.
- [2]. Zima A, et, al. Antiradical and cytoprotective activities of several C-geranyl-substituted flavanones from *Paulownia tomentosa* fruit. *Molecules.* 2010 Aug 31;15(9):6035-49.

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

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