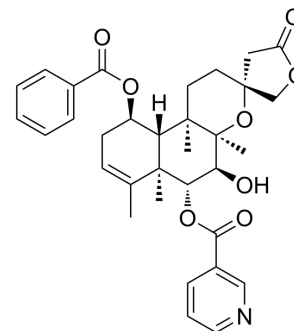


Scutebarbatine W

| | |
|--------------------|---|
| Cat. No.: | HY-N1262 |
| CAS No.: | 1312716-25-8 |
| Molecular Formula: | C ₃₃ H ₃₇ NO ₈ |
| Molecular Weight: | 575.65 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | Scutebarbatine W is a 13-spiro subtype neo-clerodane diterpenoid. Scutebarbatine W inhibits NO production with an IC ₅₀ value of 34.7 μM ^{[1][2]} . |
| IC ₅₀ & Target | IC50: 34.7 μM (NO production) |

REFERENCES

- [1]. Wang F, et al. Scutebarbatines W-Z, new neo-clerodane diterpenoids from *Scutellaria barbata* and structure revision of a series of 13-spiro neo-clerodanes. *Chem Pharm Bull (Tokyo)*. 2010 Sep;58(9):1267-70.
- [2]. Lee SR, et al. Constituents from *Scutellaria barbata* Inhibiting Nitric Oxide Production in LPS-Stimulated Microglial Cells. *Chem Biodivers*. 2017 Nov;14(11).

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA