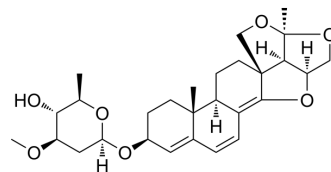


Stauntosaponin A

| | |
|--------------------|---|
| Cat. No.: | HY-N1217 |
| CAS No.: | 1417887-91-2 |
| Molecular Formula: | C ₂₈ H ₃₈ O ₇ |
| Molecular Weight: | 486.6 |
| Target: | Na ⁺ /K ⁺ ATPase |
| Pathway: | Membrane Transporter/Ion Channel |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Stauntosaponin A, a steroid glycoside, is a potent inhibitor of Na⁽⁺⁾/K⁽⁺⁾-ATPase with an IC₅₀ value of 21 nM. Stauntosaponin A can be isolated from Carnation and has potential anti-cancer research value^[1].

REFERENCES

[1]. Shibano M, et al. Two secopregnane-type steroidal glycosides from *Cynanchum stauntonii* (Decne.) Schltr. ex Levl[J]. *Phytochemistry Letters*, 2012, 5(2): 304-308.

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