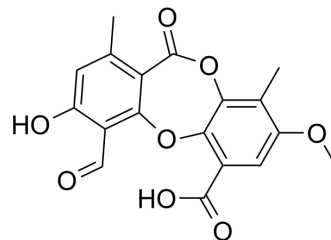


Psoromic acid

Cat. No.:	HY-130199
CAS No.:	7299-11-8
Molecular Formula:	C ₁₈ H ₁₄ O ₈
Molecular Weight:	358.3
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Psoromic acid is a potent and selective RabGGTase (Rab geranylgeranyl transferase) inhibitor with an IC ₅₀ value of 1.3 μM. Psoromic acid is an antioxidative agent. Psoromic acid exhibits a competitive type of HMGR inhibition and mixed type of ACE (angiotensin converting enzyme) inhibition ^{[1][2]} .
IC ₅₀ & Target	IC ₅₀ : 1.3 μM (RabGGTase) ^[1]

REFERENCES

- [1]. Deraeve C, et al. Psoromic acid is a selective and covalent Rab-prenylation inhibitor targeting autoinhibited RabGGTase. *J Am Chem Soc.* 2012 May 2;134(17):7384-91.
- [2]. Behera BC, et al. Antioxidative and cardiovascular-protective activities of metabolite usnic acid and psoromic acid produced by lichen species *Usnea complanata* under submerged fermentation. *Pharm Biol.* 2012 Aug;50(8):968-79.

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