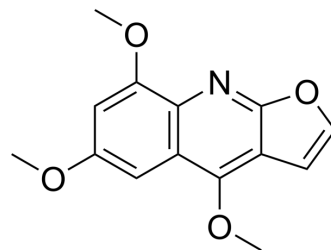


Maculosidine

Cat. No.:	HY-N10094
CAS No.:	522-19-0
Molecular Formula:	C ₁₄ H ₁₃ NO ₄
Molecular Weight:	259.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Maculosidine is a furoquinoline alkaloid that can be isolated from *Balfourodendron riedelianum*. Maculosidine inhibits ATP synthesis, basal, phosphorylating and uncoupled electron transport in plants. Maculosidine inhibits Hill reaction on spinach chloroplasts^[1].

REFERENCES

[1]. Veiga TA, et al. Furoquinoline alkaloids isolated from *Balfourodendron riedelianum* as photosynthetic inhibitors in spinach chloroplasts. *J Photochem Photobiol B*. 2013 Mar 5;120:36-43.

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