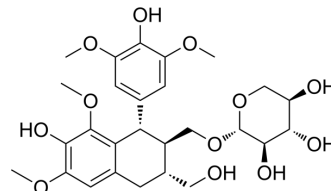


Lyonside

Cat. No.:	HY-N3348
CAS No.:	34425-25-7
Molecular Formula:	C ₂₇ H ₃₆ O ₁₂
Molecular Weight:	552.57
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Lyonside is a lignan glycoside with antioxidant, allelopathic and antifungal activities, which can be isolated from the rhizomes and stems of bilberry (*Vaccinium myrtillus* L.). Lyonside exhibits radical scavenging properties with an IC₅₀ value of 23 µg/mL in DPPH assay. Lyonside inhibits the mycelial growth of *Fusarium oxysporum* and *Mucor hiemalis* at 50 µg/mL with inhibitory rates of 78% and 80%, respectively^[1].

REFERENCES

[1]. Szakiel A, et al. Isolation and biological activities of lyonside from rhizomes and stems of *Vaccinium myrtillus*[J]. *Phytochemistry Letters*, 2011, 4(2): 138-143.

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