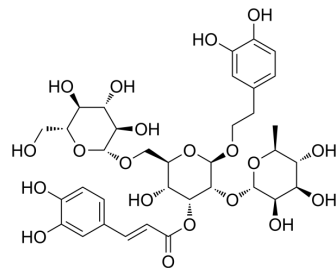


Magnoloside B

Cat. No.:	HY-126535
CAS No.:	116872-05-0
Molecular Formula:	C ₃₅ H ₄₆ O ₂₀
Molecular Weight:	786.73
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description Magnoloside B is an α -glucosidase inhibitor ($IC_{50}=0.69$ mM), which can be obtained from *Magnolia officinalis* stem bark. Magnoloside B shows moderate inhibitory activity against MGC-803 and HepG2 cells. Magnoloside B has the potential to study cancer and diabetes^[1].

IC₅₀ & Target IC₅₀: α -glucosidase (0.69 mM).

REFERENCES

[1]. Xue Z, et al. Phenylethanoid glycosides and phenolic glycosides from stem bark of *Magnolia officinalis*. *Phytochemistry*. 2016 Jul;127:50-62.

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