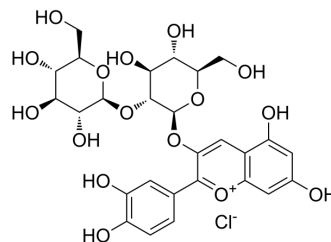


Cyanidin 3-sophoroside chloride

Cat. No.:	HY-129137
CAS No.:	18376-31-3
Molecular Formula:	C ₂₇ H ₃₁ ClO ₁₆
Molecular Weight:	646.98
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanidin 3-sophoroside chloride is a potent non-competitive reversible polyphenol oxidase (PPO) inhibitor. Also, Cyanidin 3-sophoroside chloride can be used as an anti-browning agent to inhibit the degree of PPO browning, enhance the antioxidant damage capacity of fruits and prolong the storage period^[1].

REFERENCES

[1]. Hridya Hemachandran, et al. Unraveling the inhibition mechanism of cyanidin-3-sophoroside on polyphenol oxidase and its effect on enzymatic browning of apples. Food Chem. 2017 Jul 15;227:102-110.

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