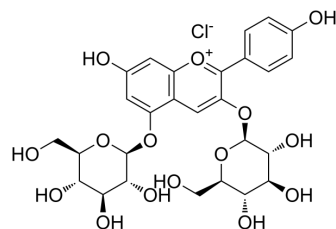


## Pelargonidin 3,5-diglucoside chloride

Cat. No.:	HY-123894
CAS No.:	17334-58-6
Molecular Formula:	C <sub>27</sub> H <sub>31</sub> ClO <sub>15</sub>
Molecular Weight:	630.98
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pelargonidin 3,5-diglucoside (chloride) is a natural pigment abundantly present in red fruits and vegetables. Pelargonidin 3,5-diglucoside (chloride) acts as a scavenger for reactive oxygen species and reactive nitrogen species. Pelargonidin 3,5-diglucoside (chloride) demonstrates inhibitory effects on enzymes involved in the production of ROS, RNS, and pro-inflammatory cytokines<sup>[1]</sup>.

### REFERENCES

[1]. Deng GF, et al. Phenolic compounds and bioactivities of pigmented rice. Crit Rev Food Sci Nutr. 2013;53(3):296-306.

**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