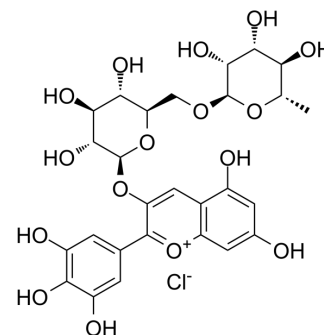


Delphinidin 3-rutinoside chloride

Cat. No.:	HY-114367
CAS No.:	15674-58-5
Molecular Formula:	C ₂₇ H ₃₁ ClO ₁₆
Molecular Weight:	646.98
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Delphinidin 3-rutinoside chloride (Delphinidin 3-O-rutinoside chloride) is an active anthocyanin found in *Solanum melongena*. Delphinidin 3-rutinoside chloride induces a pro-apoptotic effect in B cell chronic lymphocytic leukaemia (B CLL) [1]. Delphinidin 3-rutinoside chloride exerts phytoestrogen activity by binding to ER β , with an IC₅₀ of 2.3 μ M [2].

REFERENCES

[1]. Mahmoud Alhosin, et al. Bilberry extract (Antho 50) selectively induces redox-sensitive caspase 3-related apoptosis in chronic lymphocytic leukemia cells by targeting the Bcl-2/Bad pathway. *Sci Rep.* 2015 Mar 11;5:8996.

Caution: Product has not been fully validated for medical applications. For research use only.

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