

## Certificate of Analysis

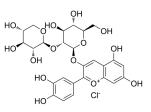
## Cyanidin 3-sambubioside (chloride)

Cat. No.:	HY-N2533
CAS No.:	33012-73-6
Batch No.:	281870
Chemical Name:	1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-3-[(2-Ο-β-D-xylopyranosyl-β-D-glucop
	yranosyl)oxy]-, chloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: Molecular Weight:	C <sub>26</sub> H <sub>29</sub> ClO <sub>15</sub> 616.95
Storage:	4°C, sealed storage, away from moisture and light
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

**Chemical Structure:** 



## ANALYTICAL DATA

Appearance:	Brown to black (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	98.50%
Conclusion:	The product has been tested and complies with the given specifications.

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