Certificate of Analysis

Peonidin-3-O-galactoside (chloride)

Cat. No.: HY-126411
CAS No.: 28148-89-2
Batch No.: 254429

Chemical Name: 1-Benzopyrylium, 3-(β-D-galactopyranosyloxy)-5,7-dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-,

chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{23}ClO_{11}$ Molecular Weight: 498.86

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.70%

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.

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