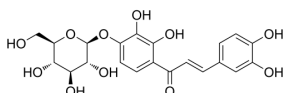


Certificate of Analysis

| | |
|-----------------------|---|
| Product Name: | Marein |
| Cat. No.: | CS-0135183 |
| CAS No.: | 535-96-6 |
| Batch No.: | 110298 |
| Chemical Name: | 2-Propen-1-one, 3-(3,4-dihydroxyphenyl)-1-[4-(β-D-glucopyranosyloxy)-2,3-dihydroxyphenyl]-, (2E)- |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|---|
| Molecular Formula: | C ₂₁ H ₂₂ O ₁₁ |
| Molecular Weight: | 450.39 |
| Storage: | 2-8°C, protect from light |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|------------------------------------|---|
| Appearance: | Yellow to orange (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.49% |
| 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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