6-O-Caffeoylarbutin

**Cat. No.**
HY-N2720

**CAS No.**
136172-60-6

**Molecular Formula:**
C₂₁H₂₂O₁₀

**Molecular Weight:**
434.39

**Target:**
Others

**Pathway:**
Others

**Storage:**
Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

**Description**
6-O-Caffeoylarbutin (Robustaside B) possesses antioxidant activity\(^1\).

**In Vitro**
In the presence of calcium, similar concentrations of robustaside B decreases the extent of MPT pore opening in a concentration-dependent manner but in the reverse order\(^1\).
Robustaside B (0.1mM) and para-hydroxyphenol (0.05mM) significantly inhibits mitochondrial lipid peroxidation induced by the Fe²⁺/ascorbate system by causing a significant decrease (86.4 and 86.7%), respectively, in the amount of TBARS released by the system\(^1\).

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES


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

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