

## Arbutin

Catalog No: #S0473

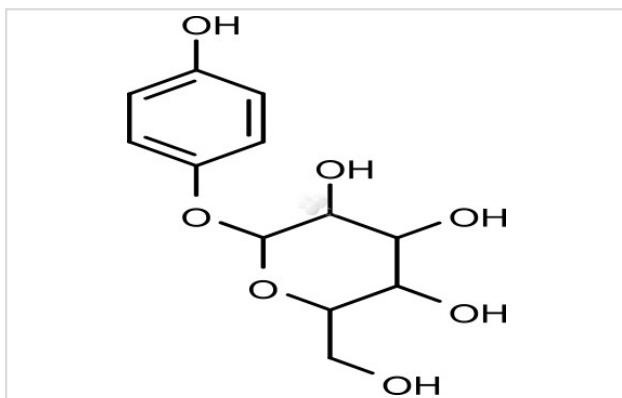
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## Description

Product Name	Arbutin
Brief Description	Inhibitors
Purification	99.00%
Target Name	Tyrosinase inhibitor
Calculated MW	272.25
Formulation	C12H16O7
Storage	3 years -20°C powder;2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Immunology SMILES: C1=CC(=CC=C1O)O[C@H]2[C@@H]([C@H]([C@@H]([C@H](O2)CO)O)O)O Pathways: Proteases/Proteasome Receptor: Tyrosinase  
 Boiling pt: 561.6? Melting pt: 195-198°C Solubility: Water: 55 mg/mL (202.02 mM); DMSO: 55 mg/mL (202.02 mM) Appearance: Off-white Color Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

- O'Donoghue, J L. Journal of Cosmetic Dermatology, 2006, 5(3): 196C203.

Note: This product is for in vitro research use only