

Product datasheet

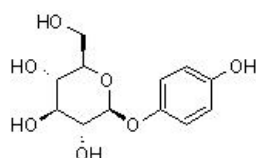
Arbutin, inhibitor of tyrosinase ab141906

1 References 1 Image

Overview

| | |
|---------------------|--|
| Product name | Arbutin, inhibitor of tyrosinase |
| Description | Naturally occurring beta-D-glucopyranoside of hydroquinone. Competitive inhibitor of tyrosinase. |
| Purity | > 98% |
| CAS Number | 497-76-7 |

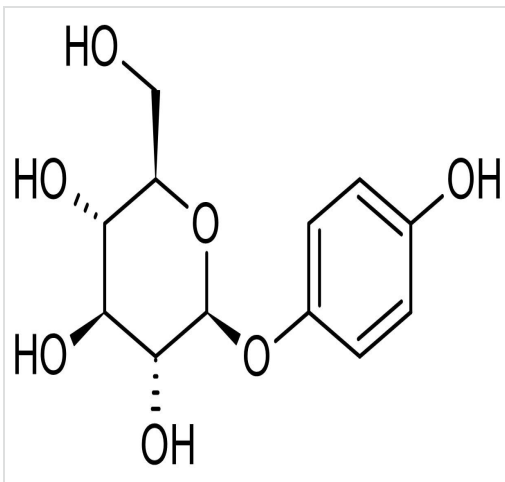
Chemical structure



Properties

| | |
|-----------------------------|---|
| Chemical name | (2R,3S,4S,5R,6S)-2-(Hydroxymethyl)-6-(4-hydroxyphenoxy)oxane-3,4,5-triol |
| Molecular weight | 272.25 |
| Molecular formula | C ₁₂ H ₁₆ O ₇ |
| PubChem identifier | 440936 |
| Storage instructions | Store at Room Temperature. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in water and in ethanol |
| Handling | <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |
| SMILES | C1=CC(=CC=C1O)OC2C(C(C(C(O2)CO)O)O)O |
| Source | <i>Arctostaphylos</i> sp. |

Images



Chemical Structure - Arbutin, inhibitor of tyrosinase
(ab141906)

2D chemical structure image of ab141906, Arbutin, inhibitor of tyrosinase

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