# RedChemExpress

## Certificate of Analysis

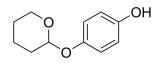
### Deoxyarbutin

| Cat. No.:      | HY-B1461                                   |
|----------------|--|
| CAS No.:       | 53936-56-4                                 |
| Batch No.:     | 154908                                     |
| Chemical Name: | Phenol, 4-[(tetrahydro-2H-pyran-2-yl)oxy]- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_{11}H_{14}O_3$ |       |          |
|--------------------|-------------------|-------|----------|
| Molecular Weight:  | 194.23            |       |          |
| Storage:           | Powder            | -20°C | 3 years  |
|                    |                   | 4°C   | 2 years  |
|                    | In solvent        | -80°C | 6 months |
|                    |                   | -20°C | 1 month  |

#### **Chemical Structure:**



#### ANALYTICAL DATA

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (HPLC):               | 97.35%  |
| Water(KF):                   | 0.09%   |
| Residue on Ignition:         | 0.071%  |
| 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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