Product datasheet

Deoxyarbutin ab145756

Overview

Product name: Deoxyarbutin
Description: Potent reversible tyrosinase inhibitor
Biological description: Potent reversible tyrosinase inhibitor (IC$_{50}$ = 50 nM). Generates minimal amounts of ROS. Inhibits melanogenesis in vivo.
Purity: > 99%

Properties

Chemical name: 4-(Oxin-2-yloxy)phenol
Molecular weight: 194.23
Chemical structure:

```
\[
\begin{array}{c}
\begin{array}{cc}
\text{O} & \text{OH}
\end{array}
\end{array}
\]
\text{C}_11\text{H}_{14}\text{O}_3
```

CAS Number: 53936-56-4
PubChem identifier: 11745519

Storage instructions: Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview: Soluble in ethanol to 100 mM and in DMSO to 100 mM

Handling: 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.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILES: C1CCOC(C1)OC2=CC=C(C=C2)O

Source: Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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