Product datasheet

Mequinol (4-Hydroxyanisole) ab145749

Overview

Product name: Mequinol (4-Hydroxyanisole)
Description: Depigmentation agent
Biological description: Depigmentation agent. Inhibits ribonucleotide reductase. Shows tyrosine radical quenching effects (IC$_{50}$ = 50 μM). Shows cytotoxic effects towards melanoma cells. Shows depigmentation effects in vivo.

Properties

Chemical name: 4-Methoxyphenol
Molecular weight: 124.14
Chemical structure:

![Chemical structure of Mequinol (4-Hydroxyanisole)](image)

Molecular formula: C$_7$H$_8$O$_2$
CAS Number: 150-76-5
PubChem identifier: 9015
Storage instructions: Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview: Soluble in water to 100 mM, 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: COC1=CC=C(C=C1)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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- Extensive multi-media technical resources to help you
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