Product datasheet

Chlorocresol ab145836

Overview

Product name | Chlorocresol
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Description | Ryanodine receptor activator
Biological description | Chlorinated phenol used as an antiseptic and preservative. Activates ryanodine receptor-mediated Ca\(^{2+}\) release.
Purity | \(> 99\%\)

Properties

Chemical name | 4-Chloro-3-methylphenol
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Molecular weight | 142.58
Chemical structure | ![Chemical structure of Chlorocresol](image)
Molecular formula | \(C_7H_7ClO\)
CAS Number | 59-50-7
Storage instructions | Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview | Soluble in DMSO to 100 mM and in ethanol 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.

Source | Synthetic

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