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Ascorbic acid

http://www.lumiprobe.com/p/ascorbic-acid

Ascorbic acid is a recommended reagent for reducing copper(II) into the active copper(I) form that catalyzes the click reaction.

Structure of ascorbic acid

General properties

Appearance: colorless solid

Molecular weight: 176.12 CAS number: 50-81-7 Molecular formula: $C_6H_8O_6$

Solubility: good in water

Quality control: functional testing

Storage conditions: Storage: 24 months after receival at $-20\,^{\circ}$ C in the dark. Transportation: at room temperature for up to 3

weeks. Avoid prolonged exposure to light. Desiccate.

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efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic

products.