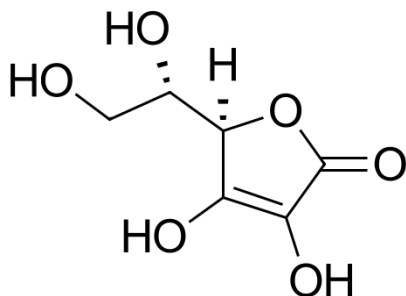

Ascorbic acid

<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: C₆H₈O₆

Solubility: good in water

Quality control: functional testing

Storage conditions: Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.