

Lumiprobe Corporation

201 International Circle, Suite 135 Hunt Valley, Maryland 21030 USA

Phone: +1 888 973 6353 Fax: +1 888 973 6354 Email: order@lumiprobe.com

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.