



CERTIFICATE OF ANALYSIS

Product **PHOTOPROBE[®] (LONG ARM) BIOTIN**
CITRATE SALT

Catalog No. SP-1020

Amount 0.5 mg

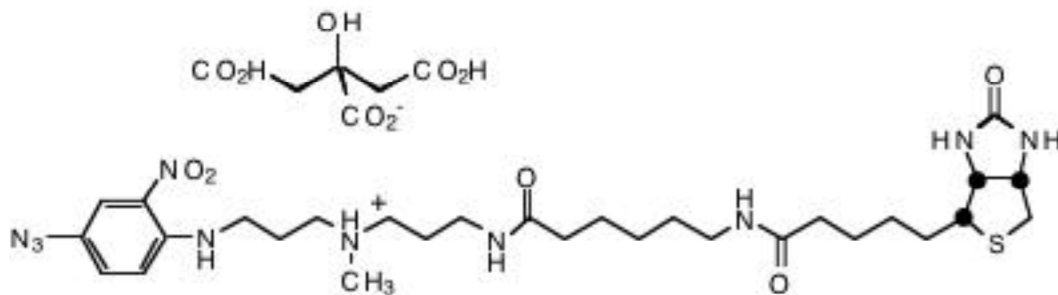
Lot No. ZE0410

Storage Once reconstituted, store at -20° C in the dark

Empirical formula $C_{35}H_{54}N_{10}O_{12}S$

FW 838.9

Structure:



PHOTOPROBE[®] (Long Arm) biotin is a photoactivatable form of biotin with a 6-aminohexanoate spacer arm which increases the molecular distance by seven atoms between the reactive aryl azide and the biotin moiety. For some applications, the additional distance may reduce steric hindrance and enhance the binding ability of the avidin linked detector.

The storage and use of this product are identical to those of PHOTOPROBE[®] Biotin. Please consult the accompanying sheet for instructions.