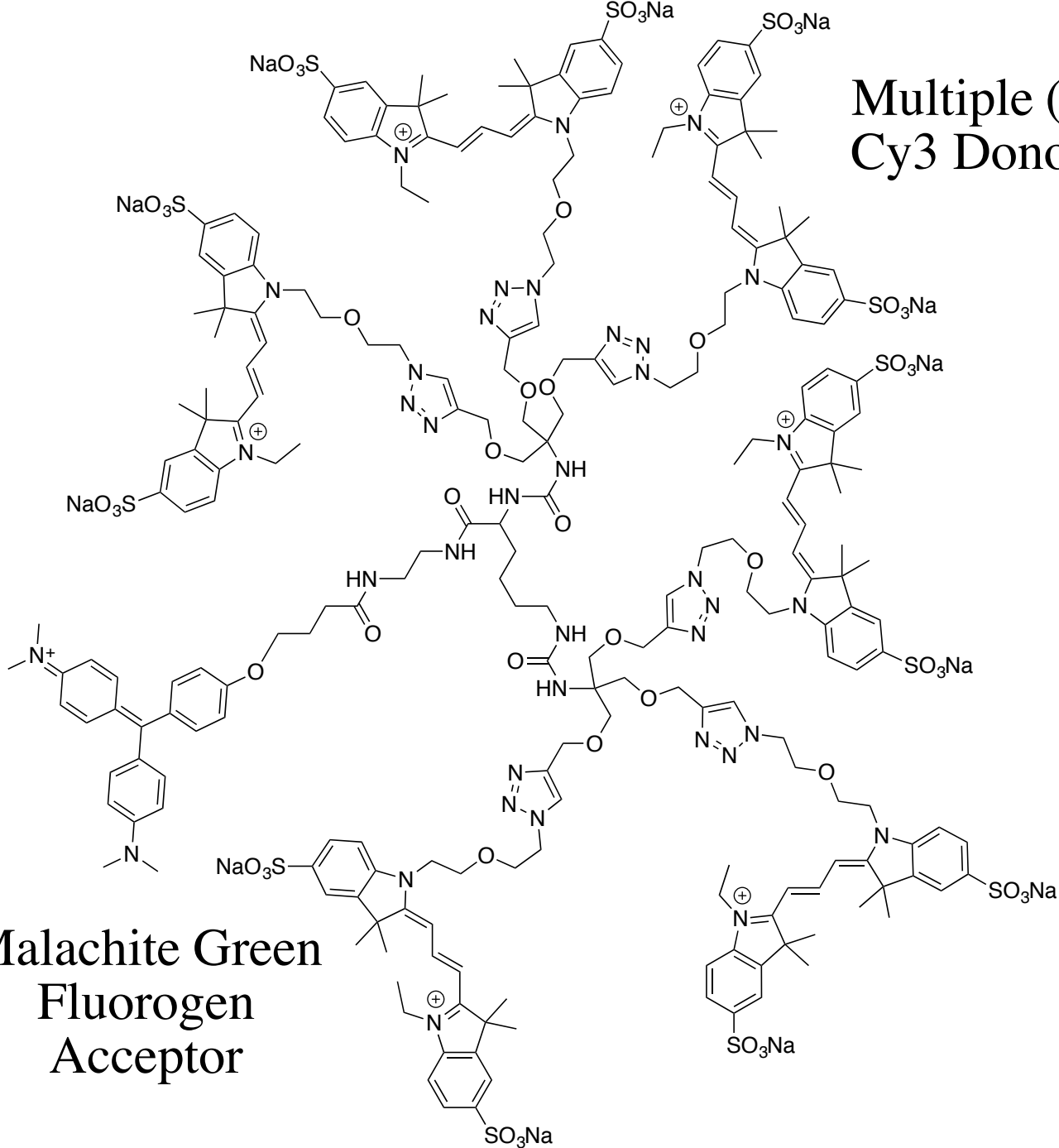


Multiple (six) Cy3 Donors



Malachite Green
Fluorogen
Acceptor

Chemical Formula: C₂₃₇H₂₈₃N₃₈Na₁₂O₅₃S₁₂⁷⁺

Molecular Weight: 5172.66

$\epsilon=900,000 \text{ M}^{-1}\text{cm}^{-1}$ at 551 nm in 1% Acetic Acid/Ethanol

Cell Excluded Dye

Binds to dL5 ($\Phi = 0.13$)

K_D for dL5 ~10 nM

532 or 561 or 640 nm excitation, 670 nm emission maxima

HCM Dyedron