

Background

- Drinking water contaminant detection
- Water-soluble fluorescent dyes

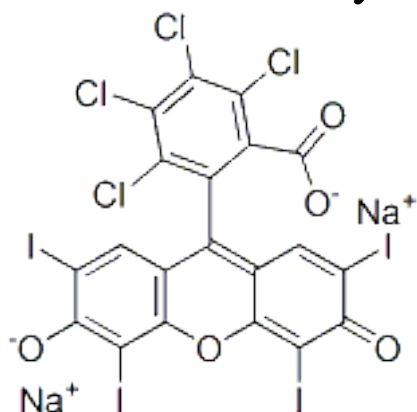


Figure 1: Chemical structure of AR94
(Chemical Book, 2016)

- Stern-Volmer plots

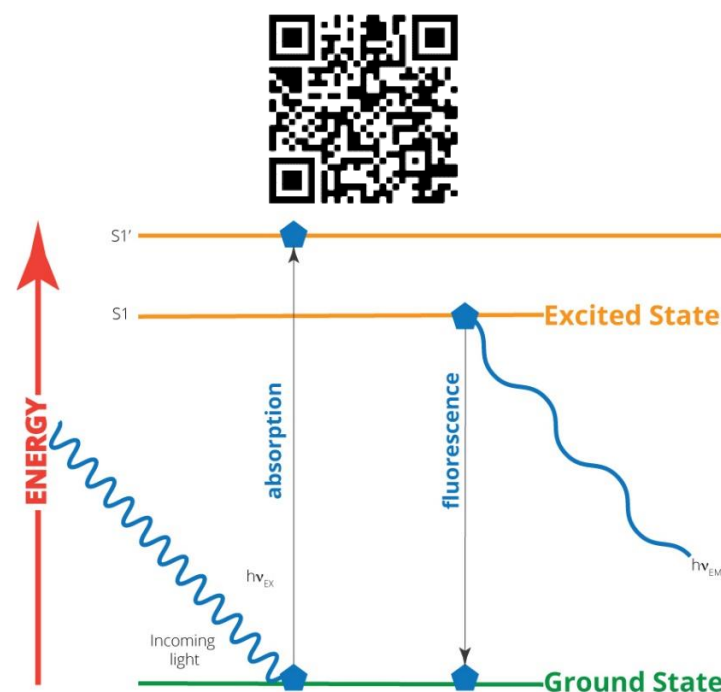


Figure 2: Absorption and fluorescence energy transitions.
(Fulghum, L., 2018)

