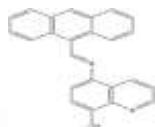


PRODUCT: Fluorescent Sensor, ANQ**ALTERNATE NAME:** E-5-((Antracen-9-ylmethylene)amino)quinolin-8-ol**CATALOG #:** 9695-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₁₆N₂O**MOLECULAR WEIGHT:** 348.40**CAS NUMBER:** N/A**APPEARANCE:** Dark yellow solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by TLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** ANQ is a highly sensitive, selective and turn-on sensor for Lead (II) and Aluminium (III). The detection limit for Pb²⁺ is 2.08 x 10⁻⁹ mol/L⁻¹. Useful for detection of intracellular Pb²⁺/Al³⁺ within living cells.**REFERENCES:** Anand, T., *et al.* (2015). *Anal. Chim. Acta* **853**, 596-601.**RELATED PRODUCTS:**Zin-Pyr-1 (**2754**)Zn-AF-2 diacetate (**2755**)ZnAF-2, 6-Iso (**2756**)**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**