FT-46579A

ANS

Product Information

Name :	**8-anilino-1-naphthalenesulfonic acid (1,8 ANS)**
Catalog Number :	FP-46579A, 10g
Structure :	$C_{16}H_{13}NO_3S$
Molecular Weight :	MW= 299.34
Solubility:	DMF, pH>6
Absorption / Emission :	$\lambda_{exc}\backslash\lambda_{em}$= 350 nm /470* nm
EC (M^{-1} cm^{-1}) **:**	7600

* the fluorescence emission can be observed in a range of 400-600 nm.

Name :	**2-anilinonaphthalene-6-sulfonic acid (2,6-ANS)**
Catalog Number :	FP-46490A, 100mg
Structure :	$C_{16}H_{13}NO_3S$
Molecular Weight :	MW= 299.34
Solubility:	DMF
Absorption / Emission :	$\lambda_{exc}\backslash\lambda_{em}$= 319/422 nm
EC (M^{-1} cm^{-1}) **:**	27 000

Storage: –20°C Protect from light

Introduction

ANS is an amphipathic dye, and is used in the detection and analysis of conformational changes in proteins and in the studies of biological membranes.
It is non fluorescent in water but when it interacts with a protein in a nonpolar environment, there is a large increase in the fluorescence quantum yield.

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Ordering information

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