

4-Acetamido-4'-isothiocyanatostilbene-2,2'-disulfonic Acid, Sodium Salt

Art. ID	TRC-A158450-1G
Unit	1 g
Deliverydetails	Dry ice shipment /not restricted

Description

Category: Aromatics, Fluorescent Labels and Indicators, Sulfur and Selenium Compounds /// Appearance: Light Yellow to Brown Orange Solid /// Application Notes: A fluorescent label for the specific and reversible labelling of the outer components of the plasma membrane. The reagent reacts with a fixed number of sites on the surface of cells concerned with anion permeation, does not pass through the osmotic barrier of the membrane, reacts under physiological conditions of temperature, pH and tonicity, and is detectable in small amounts. SEE ALSO NOTES FOR DIDS (CAT#D460600). Fluorescence: max. Abs. λ = 336nm, max. Em. λ = 436 nm. /// References: Maddy., A.H.: Biochim. Biophys. Acta., 88, 390 (1964), Cabantchik, Z.I., et al.: J. Membrane Biol., 10, 311 (1972)| Am. J. Physiol. 262, C803 (1992)| J. Biol. Chem. 266, 13355 (1991), Ma, W., et al.: J. Pharmacol. Exp. Ther., 328, 409 (2009)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	4-Acetamido-4'-isothiocyanatostilbene-2,2'-disulfonic Acid, Sodium Salt	[51023-76-8]				