

(R)-2-Amino-2-[(5-fluoresceinyl)aminocarbonyl]ethyl Methanethiosulfonate, Trifluoroacetate Salt

Art. ID TRC-A609615-5MG

Unit 5 mg

Description

Category: Fluorescent Labels and Indicators, MTS and Sulfhydryl Active Reagents /// Appearance: Yellow to Orange Solid /// Application Notes: A thiol specific fluorescent probe useful for ion channel and protein topology research. The recently available MTS-fluorophores may find application in the real-time monitoring of conformational changes, since fluorophores coupled to introduced cysteines can change their fluorescence during a conformational change. Fluorescence lifetime may also yield information regarding distances and molecular motion in a protein molecule. Fluorescence: max. Abs. 492nm, max. Em. 515nm, $\epsilon \times 10^{-3}$: 75 /// References: Mannuzzu, L.M., et al.: Science, 271, 213 (1996), Goulett, C.C., et al.: JBC, 273, 45, 30012 (1998), Adams, C.M., et al.: JBC, 273, 46, 30204 (1998)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(R)-2-Amino-2-[(5-fluoresceinyl)aminocarbonyl]ethyl Methanethiosulfonate, Trifluoroacetate Salt	[1356019-48-1]				