

4-(Aminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole

Art. ID	TRC-A629400-25MG
Unit	25 mg
Deliverydetails	No Dangerous Good /not restricted

Description

Category: Fluorescent Labels and Indicators, MTS and Sulfhydryl Active Reagents /// Appearance: Off-White to Pale Yellow Solid /// Application Notes: A water soluble pH dependent bifunctional fluorogenic reagent for the sensitive and specific detection of protein thiols. ABD-F is highly reactive and specific for protein thiols, and its selectivity is superior to that of other sulfhydryl-reactive fluorophores such as fluorescein maleimide, 5-iodoacetamidofluorescein, 5-I-AEDANS, dansylaziridine, and bimeans. Fluorescence: max Abs. λ = 385nm, max Em. λ = 520nm, Molar Abs. > 4.5x10³ (ca. 315nm) /// References: Hiratsuka, T., J. Biol. Chem., 268, 24742 (1993), Treuheit, M.J., et al.: Anal. Biochem., 212, 138 (1993), Takeda, S., et al.: Trans. Mater. Res. Soc. Jpn., 15A, 509 (1994), Tukushima, T., et al.: Biomed. Chromatogr., 9, 10 (1995), Takeda, S., et al.: J. Biochem., 117, 267 (1995)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	4-(Aminosulfonyl)-7-fluoro-2,1,3-benzoxadiazole	[91366-65-3]				