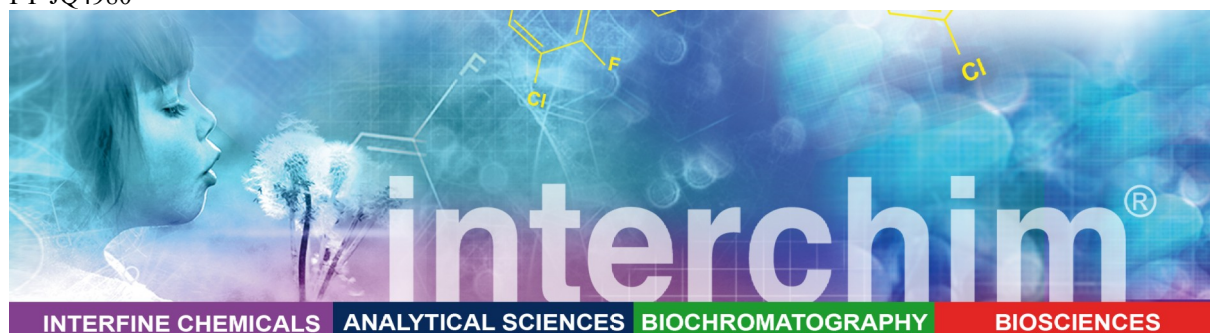


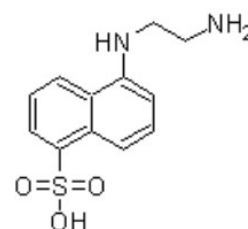
FT-JQ4980



EDANS acid

Product Description

Name :	EDANS acid 5-((2-Aminoethyl)amino)naphthalene-1-sulfonic acid
Catalog Number :	FP-JQ4980, 1g CAS [50402-56-7]
Molecular Weight :	266.32
Soluble in :	DMSO or DMF
Detection :	Excitation wavelengths 335 nm Emission wavelength: 493 nm



Storage: -20 °C and kept from light and moisture (24 months upon receiving)

Introduction

EDANS is one of the most popular donors for developing FRET-based nucleic acid probes (such as Molecular Beacons) and protease substrates. EDANS is often paired with DABCYL or DABSYL in FRET-based probes. Its fluorescence is environment-sensitive.

REFERENCES

- 1.) Maximova K. *et al.*, Enzymatic activity of human immunodeficiency virus type 1 protease in crowded solutions, *European Biophysics J.*, 48:7, pp 685–689 (2019)
- 2.) Sharker S.M. *et al.*, Functionalized biocompatible WO₃ nanoparticles for triggered and targeted in vitro and in vivo photothermal therapy, *J. of Controlled Release*, 217, Pages 211-220 (2015)

Related products

- DABCYL acid, FP-AY7630
- Dabcyl-X, SE, FP-WU4110
- Dabcyl lauric acid, FP-WU5570
- DABSYL Chloride, FP-19195B
- Dabsyl-X, NHS ester, FP-WU4040

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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