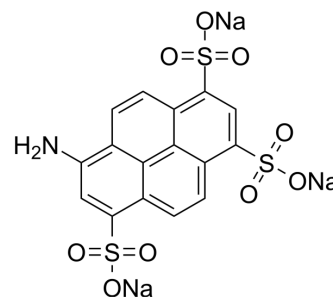


8-Aminopyrene-1,3,6-trisulfonic acid trisodium

Cat. No.: HY-D0031
CAS No.: 196504-57-1
Molecular Formula: $C_{16}H_8NNa_3O_9S_3$
Molecular Weight: 523.4
Target: Fluorescent Dye
Pathway: Others
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (47.76 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.9106 mL	9.5529 mL	19.1058 mL
	5 mM		0.3821 mL	1.9106 mL	3.8212 mL
	10 mM		0.1911 mL	0.9553 mL	1.9106 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

8-Aminopyrene-1,3,6-trisulfonic acid trisodium is a water-soluble anionic fluorescent dye. The fluorescence intensity of 8-Aminopyrene-1,3,6-trisulfonic acid trisodium remains nearly constant over a pH range from 4 to 10^[1].

REFERENCES

[1]. Sharrett Z, et al. Exploring the use of APTS as a fluorescent reporter dye for continuous glucose sensing. Org Biomol Chem. 2009 Apr 7;7(7):1461-70.

Caution: Product has not been fully validated for medical applications. For research use only.

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