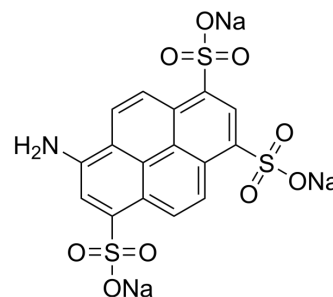


## 8-Aminopyrene-1,3,6-trisulfonic acid trisodium

Cat. No.:	HY-D0031
CAS No.:	196504-57-1
Molecular Formula:	C <sub>16</sub> H <sub>8</sub> NNa <sub>3</sub> O <sub>9</sub> S <sub>3</sub>
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

H<sub>2</sub>O : 25 mg/mL (47.76 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		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<sup>[1]</sup>.

### 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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