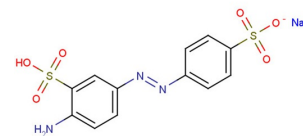


Acid Yellow 9 monosodium salt

Chemical Properties

CAS No.:	74543-21-8
Formula:	C ₁₂ H ₁₀ N ₃ NaO ₆ S ₂
Molecular Weight:	379.34
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Acid Yellow 9 monosodium salt is an azo dye, degraded by <i>Pseudomonas fluorescens</i> as a sole source of nitrogen, carbon, and energy for the bacterium.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.636 mL	13.181 mL	26.362 mL
5 mM	0.527 mL	2.636 mL	5.272 mL
10 mM	0.264 mL	1.318 mL	2.636 mL
50 mM	0.053 mL	0.264 mL	0.527 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Pandey BV, et al. Spectroscopic characterization and identification of *Pseudomonas fluorescens* mediated metabolic products of Acid Yellow-9. *Microbiol Res.* 2006;161(4):311-5.

Inhibitors · Natural Compounds · Compound Libraries

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