

APTS [8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt] *CAS 196504-57-1*

 Catalog number: 624
 Unit size: 10 mg

Component	Storage	Amount
APTS [8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt] *CAS 196504-57-1*	Freeze (<-15 °C), Minimize light exposure	10 mg

OVERVIEW

This water-soluble reagent has strong green fluorescence with great Stokes shift. It is widely used for detecting carbohydrates and labeling glycoproteins in electrophoresis. It is also used to modify other carbonyl-containing biomolecules such as aldehydes and ketones.

AT A GLANCE

Important It is important to store APTS at <-15 °C and should be stored in cool, dark place.

It can be used within 24 months from the receiving date.

KEY PARAMETERS

Instrument:	Fluorescence microplate reader
Excitation:	424 nm
Emission:	505 nm
Cutoff:	450 nm
Recommended plate:	Solid black

PREPARATION OF WORKING SOLUTION

APTS working solution:

Add water to make APTS working solution of desired concentration.

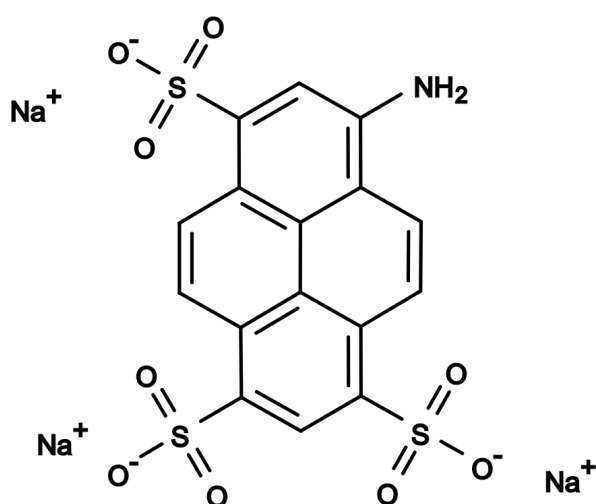
EXAMPLE DATA ANALYSIS AND FIGURES


Figure 1. Chemical structure for APTS [8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt] *CAS 196504-57-1*