

APTS [8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt]

Cat. No. DYE-111 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

The polyanionic dye APTS with an amino group that can be coupled to an aldehyde or ketone group to form a Schiff base. The Schiff base is usually chemically reduced by sodium borohydride (NaBH₄) or sodium cyanoborohydride (NaB(CN)H₃) to form a stable conjugate. APTS is a polar tracer that also can be used in combination with the cationic quencher DPX (#6271) for membrane fusion or permeability assays, including complement-mediated immune lysis. We also offer other related dyes, please see bottom of the page.

CAS number 196504-57-1

Molecular Mass 523.4

Formula C₁₆H₈NNa₃O₉S₃

Ex(nm) 424

Em(nm) 505

Solvent Water

Storage Store at -20°C in the dark. Dessicated.

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