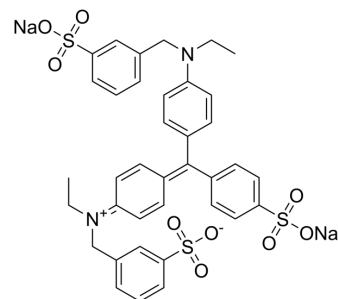


Light green SF yellowish

Cat. No.:	HY-126367
CAS No.:	5141-20-8
Molecular Formula:	$C_{37}H_{34}N_2Na_2O_9S_3$
Molecular Weight:	792.85
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Light green SF yellowish (Acid Green 5) is a triarylmethane dye. Light green SF yellowish is a highly selective mitochondrial stain. Light green SF yellowish is usually available as a disodium salt and has a maximum absorption value as 629 nm. Light green SF yellowish can be used as a histological stain for collagen and a critical component of Papanicolaou stains^{[1][2]}.

REFERENCES

- [1]. Mittal A, et al. Decoloration treatment of a hazardous triarylmethane dye, Light Green SF (Yellowish) by waste material adsorbents. J Colloid Interface Sci. 2010 Feb 15;342(2):518-27.
- [2]. John W. Harman. The Selective Staining of Mitochondria. Stain Technology. 1950, 25(2):69-72.

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

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