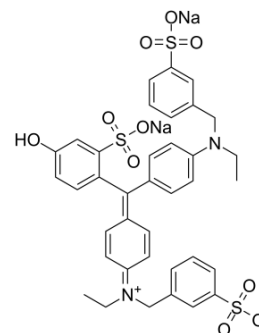


## Fast Green FCF

<b>Cat. No.:</b>	HY-D0914
<b>CAS No.:</b>	2353-45-9
<b>Molecular Formula:</b>	C <sub>37</sub> H <sub>34</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>10</sub> S <sub>3</sub>
<b>Molecular Weight:</b>	808.85
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 10 mg/mL (12.36 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2363 mL	6.1816 mL	12.3632 mL
5 mM	0.2473 mL	1.2363 mL	2.4726 mL
10 mM	0.1236 mL	0.6182 mL	1.2363 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Fast Green FCF is a sea green triarylmethane food dye. Fast Green FCF is used as a quantitative stain for histones at alkaline pH after acid extraction of DNA. It is also used as a protein stain in electrophoresis. Its absorption maximum is at 625 nm.

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

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