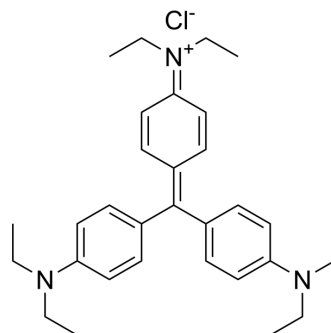


## Ethyl Violet

<b>Cat. No.:</b>	HY-D0957
<b>CAS No.:</b>	2390-59-2
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>42</sub> ClN <sub>3</sub>
<b>Molecular Weight:</b>	492.14
<b>Target:</b>	Fluorescent Dye
<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 : 5 mg/mL (10.16 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0319 mL	10.1597 mL	20.3194 mL
	5 mM	0.4064 mL	2.0319 mL	4.0639 mL
	10 mM	0.2032 mL	1.0160 mL	2.0319 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Ethyl Violet is a triarylmethane dye. Ethyl Violet is a useful reagent for the determination of anionic surfactants<sup>[1][2]</sup>.

### REFERENCES

- [1]. Motomizu S, et al. Solvent extraction-spectrophotometric determination of anionic surfactants with ethyl violet. *Analytical Chemistry*, 1982, 54(3): 392-397.
- [2]. Marieta L.C. Passos, et al. Spectrophotometry | Organic Compounds. *Encyclopedia of Analytical Science (Third Edition)*, Academic Press, 2019, Pages 236-243.

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

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