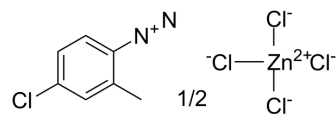


## Fast red TR salt hemi(zinc chloride)

<b>Cat. No.:</b>	HY-D1490
<b>CAS No.:</b>	89453-69-0
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>6</sub> Cl <sub>5</sub> N <sub>2</sub> Zn <sup>-</sup>
<b>Molecular Weight:</b>	257.19
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (388.82 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8882 mL	19.4409 mL	38.8818 mL
	5 mM	0.7776 mL	3.8882 mL	7.7764 mL
	10 mM	0.3888 mL	1.9441 mL	3.8882 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Fast red TR salt hemi (zinc chloride) is a diazonium dye with red color<sup>[1]</sup>.

### REFERENCES

[1]. Newton P, et al. Fake artesunate in southeast Asia. Lancet. 2001 Jun 16;357(9272):1948-50.

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

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