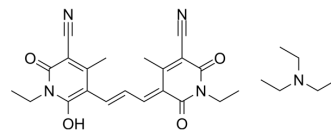


Oxonol 595

Cat. No.:	HY-D1512
CAS No.:	88969-31-7
Molecular Formula:	C ₂₇ H ₃₅ N ₅ O ₄
Molecular Weight:	493.6
Target:	Fluorescent Dye
Pathway:	Others
Storage:	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

DMSO : 100 mg/mL (202.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0259 mL	10.1297 mL	20.2593 mL
	5 mM	0.4052 mL	2.0259 mL	4.0519 mL
	10 mM	0.2026 mL	1.0130 mL	2.0259 mL

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

BIOLOGICAL ACTIVITY

Description

Oxonol 595 is a voltage-sensitive fluorescent dye^[1].

REFERENCES

[1]. Morimoto T, et al. Voltage-sensitive oxonol dyes are novel large-conductance Ca²⁺-activated K⁺ channel activators selective for beta1 and beta4 but not for beta2 subunits. Mol Pharmacol. 2007 Apr;71(4):1075-88.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA