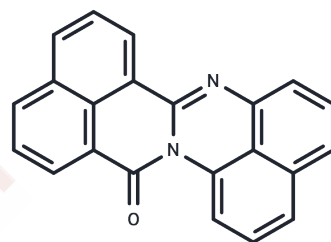


## C.I. Solvent Red 179

## Chemical Properties

CAS No. :	6829-22-7
Formula:	C <sub>22</sub> H <sub>12</sub> N <sub>2</sub> O
Molecular Weight:	320.34
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	C.I. Solvent Red 179 is a bioactive chemical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1217 mL	15.6084 mL	31.2168 mL
5 mM	0.6243 mL	3.1217 mL	6.2434 mL
10 mM	0.3122 mL	1.5608 mL	3.1217 mL
50 mM	0.0624 mL	0.3122 mL	0.6243 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Shono M, Numata M, Sasaki K. Allergic contact dermatitis caused by Solvent Orange 60 in spectacle frames in Japan. *Contact Dermatitis*. 2018 Jan;78(1):83-84. doi: 10.1111/cod.12752. PubMed PMID: 29265444.
- Tsunoda T, Kaniwa MA, Shono M. Allergic contact dermatitis from a perinone-type dye C.I. Solvent Red 179 in spectacle frames. *Contact Dermatitis*. 2001 Sep;45(3):166-7. PubMed PMID: 11553145.

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