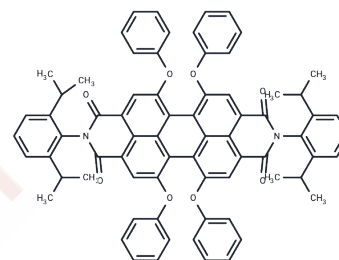


Perylene Red

Chemical Properties

CAS No. :	123174-58-3
Formula:	C72H58N2O8
Molecular Weight:	1079.262
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Perylene Red is a fluorescent dye.
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	0.9266 mL	4.6328 mL	9.2656 mL
5 mM	0.1853 mL	0.9266 mL	1.8531 mL
10 mM	0.0927 mL	0.4633 mL	0.9266 mL
50 mM	0.0185 mL	0.0927 mL	0.1853 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

Xiao P, Dumur F, Graff B, Gimes D, Fouassier JP, Lalevée J. Red-light-induced cationic photopolymerization: perylene derivatives as efficient photoinitiators. *Macromol Rapid Commun.* 2013 Sep;34(18):1452-8. doi: 10.1002/marc.201300383. Epub 2013 Aug 6. PubMed PMID: 23922314.

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