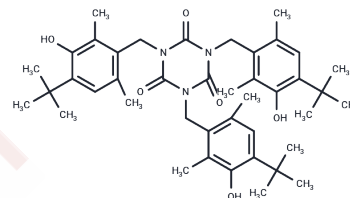


Cyanox CY 1790

Chemical Properties

CAS No. :	40601-76-1
Formula:	C42H57N3O6
Molecular Weight:	699.92
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	Cyanox CY 1790 (Irganox-3790) is an agent with antioxidant activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (85.72 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4287 mL	7.1437 mL	14.2873 mL
5 mM	0.2857 mL	1.4287 mL	2.8575 mL
10 mM	0.1429 mL	0.7144 mL	1.4287 mL
50 mM	0.0286 mL	0.1429 mL	0.2857 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

- Arroyo DA, Kirkby LA, Feller MB. Retinal Waves Modulate an Intraretinal Circuit of Intrinsically Photosensitive Retinal Ganglion Cells. *J Neurosci*. 2016 Jun 29;36(26):6892-905. doi: 10.1523/JNEUROSCI.0572-16.2016.
- Młocicki D, Swiderski Z, Bruňanská M, Conn DB. Functional ultrastructure of the hexacanth larvae in the bothriocephalidean cestode *Eubothrium salvelini* (Schrank, 1790) and its phylogenetic implications. *Parasitol Int*. 2010 Dec;59(4):539-48. doi: 10.1016/j.parint.2010.07.001. Epub 2010 Jul 14. PubMed PMID: 20637299.
- Trägårdh J, Robb G, Gadalla KK, Cobb S, Travis C, Oppo GL, McConnell G. Label-free imaging of thick tissue at 1550 nm using a femtosecond optical parametric generator. *Opt Lett*. 2015 Aug 1;40(15):3484-7. doi: 10.1364/OL.40.003484. PubMed PMID: 26258338.
- Lubelska K, Wiktorska K, Mielczarek L, Milczarek M, Zbroińska-Bregisz I, Chilmonczyk Z. Sulforaphane Regulates NFE2L2/Nrf2-Dependent Xenobiotic Metabolism Phase II and Phase III Enzymes Differently in Human Colorectal Cancer and Untransformed Epithelial Colon Cells. *Nutr Cancer*. 2016 Nov-Dec;68(8):1338-1348. Epub 2016 Sep 16. PubMed PMID: 27636860.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481