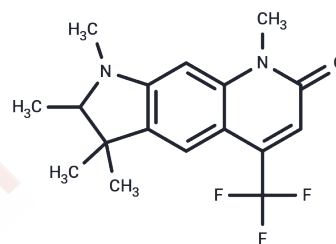


LD-473

Chemical Properties

CAS No. : 58721-74-7
 Formula: C₁₇H₁₉F₃N₂O
 Molecular Weight: 324.34
 Storage: Keep away from direct sunlight
 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	LD-473 is a laser dye.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0832 mL	15.4159 mL	30.8318 mL
5 mM	0.6166 mL	3.0832 mL	6.1664 mL
10 mM	0.3083 mL	1.5416 mL	3.0832 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

Deepa HR, Thipperudrappa J, Suresh Kumar HM. Effect of solvents on the spectroscopic properties of LD-489 & LD-473: estimation of ground and excited state dipole moments by solvatochromic shift method. Spectrochim Acta A Mol Biomol Spectrosc. 2013 May;108:288-94. doi: 10.1016/j.saa.2013.01.084. Epub 2013 Feb 16. PubMed PMID: 23501941.

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