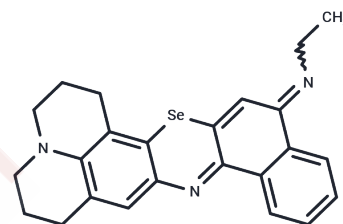


Photoacoustic contrast agent-2

Chemical Properties

CAS No. :	2255329-08-7
Formula:	C ₂₄ H ₂₃ N ₃ Se
Molecular Weight:	432.42
Storage:	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	Photoacoustic contrast agent-2 serves as a multifunctional dye with diverse applications across scientific and industrial fields. This dye is pivotal in biological studies, aiding in the observation and analysis of cell structures, tracking biomolecules, evaluating cell functions, distinguishing various cell types, detecting biomolecules, investigating tissue pathology, and monitoring microorganisms. It spans a broad spectrum of uses from basic research to clinical diagnostics. Beyond biological applications, this dye is also integral in traditional sectors like textile dyeing and in innovative areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3126 mL	11.5628 mL	23.1257 mL
5 mM	0.4625 mL	2.3126 mL	4.6251 mL
10 mM	0.2313 mL	1.1563 mL	2.3126 mL
50 mM	0.0463 mL	0.2313 mL	0.4625 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.

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