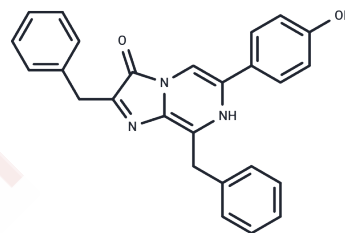


Coelenterazine h

Chemical Properties

CAS No. :	50909-86-9
Formula:	C ₂₆ H ₂₁ N ₃ O ₂
Molecular Weight:	407.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Coelenterazine H is a synthetic derivative of coelenterazine (a light-emitting biomolecule). Coelenterazine h (CLZN-h) is more sensitive to Ca ²⁺ than is the native complex, thus providing a valuable tool for measuring small changes in Ca ²⁺ concentrations.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (134.98 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4542 mL	12.2711 mL	24.5423 mL
5 mM	0.4908 mL	2.4542 mL	4.9085 mL
10 mM	0.2454 mL	1.2271 mL	2.4542 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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