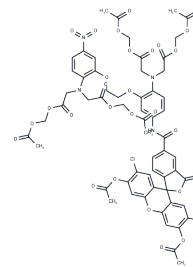


Calcium Green-5N AM

Chemical Properties

CAS No. :	216699-33-1
Formula:	C ₅₉ H ₅₂ Cl ₂ N ₄ O ₂₈ -
Molecular Weight:	1335.96
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	Calcium Green-5N AM is an innovative fluorescent probe that increases in fluorescence intensity upon binding with Ca ²⁺ , allowing it to monitor free Ca ²⁺ in neurons [1] [2] [3].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7485 mL	3.7426 mL	7.4853 mL
5 mM	0.1497 mL	0.7485 mL	1.4971 mL
10 mM	0.0749 mL	0.3743 mL	0.7485 mL
50 mM	0.015 mL	0.0749 mL	0.1497 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

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