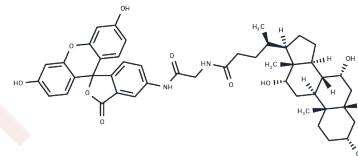


CGamF

Chemical Properties

CAS No. :	168912-70-7
Formula:	C46H54N2O10
Molecular Weight:	794.93
Storage:	Keep away from direct sunlight 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	CGamF is a fluorescent probe designed for bile acid transport, consisting of a bile acid (Product No. 20250) linked to fluorescein via a glycine connecting group. In aqueous solution at pH 7.4, the excitation/emission wavelengths of this probe are 492/515 nm, respectively. The fluorescence intensity of CGamF increases with rising pH when excited at 495 nm, while the intensity is unaffected by pH changes when excited at 440 nm. Sodium-dependent uptake of CGamF by hepatocytes increases with the concentration of the compound, with reduced absorption at lower sodium levels. CGamF has been utilized in vitro to study drug interactions and toxicity mediated by hepatic transporters.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.258 mL	6.2899 mL	12.5797 mL
5 mM	0.2516 mL	1.258 mL	2.5159 mL
10 mM	0.1258 mL	0.629 mL	1.258 mL
50 mM	0.0252 mL	0.1258 mL	0.2516 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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