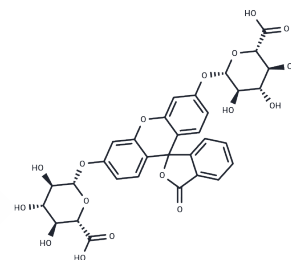


Fluorescein Di- $\beta$ -D-Glucuronide

## Chemical Properties

CAS No. :	134869-04-8
Formula:	C32H28O17
Molecular Weight:	684.55
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	Fluorescein Di- $\beta$ -D-Glucuronide, a fluorescent probe, enables non-invasive imaging of intestinal bacterial $\beta$ -glucuronidase activity in nude mice. Its utilization for both in vitro and in vivo imaging provides valuable insights into bacterial $\beta$ -glucuronidase activity, thereby enhancing pharmacodynamic research on specific inhibitors in animal models [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4608 mL	7.3041 mL	14.6081 mL
5 mM	0.2922 mL	1.4608 mL	2.9216 mL
10 mM	0.1461 mL	0.7304 mL	1.4608 mL
50 mM	0.0292 mL	0.1461 mL	0.2922 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

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481