

Fluorescein Di-β-D-Glucuronide

Chemical Properties

CAS No. :	134869-04-8
Formula:	C ₃₄ H ₃₂ O ₁₅
Molecular Weight:	680.61
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Fluorescein Di-β-D-Glucuronide, a fluorescent probe, enables non-invasive imaging of intestinal bacterial β-glucuronidase activity in nude mice. This compound's utilization for both in vitro and in vivo imaging offers valuable insights into bacterial β-glucuronidase activity, thereby enhancing pharmacodynamic research on its specific inhibitors in animal models [1].
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4693 mL	7.3464 mL	14.6927 mL
5 mM	0.2939 mL	1.4693 mL	2.9385 mL
10 mM	0.1469 mL	0.7346 mL	1.4693 mL
50 mM	0.0294 mL	0.1469 mL	0.2939 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481