

TGR5 agonist 7

Chemical Properties

CAS No. :

Formula: C37H59N2NaO9S

Molecular Weight: 730.93

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	TGR5 agonist 7 (Compound 22-Na) is an intestine-restricted, orally active agonist of the G protein-coupled bile acid receptor TGR5 (GPBAR1 or GPR131) with an EC50 of less than 1 μ M. In mouse models, it demonstrates blood glucose-lowering effects, making it useful for diabetes research.
Targets(IC50)	Others,GPCR19

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3681 mL	6.8406 mL	13.6812 mL
5 mM	0.2736 mL	1.3681 mL	2.7362 mL
10 mM	0.1368 mL	0.6841 mL	1.3681 mL
50 mM	0.0274 mL	0.1368 mL	0.2736 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

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481