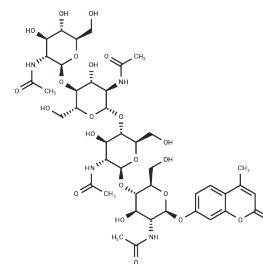


## 4-Methylumbelliferyl $\beta$ -D-N,N',N'',N'''-tetraacetylchitotetraoside

### Chemical Properties

CAS No. :	53643-14-4
Formula:	C42H60N4O23
Molecular Weight:	988.94
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	4-Methylumbelliferyl $\beta$ -D-N,N',N'',N'''-tetraacetylchitotetraoside is a fluorescent substrate with activity suitable for lysozyme assays. It can be utilized in the investigation of enzyme activity as well as its applications in the biomedical field. This compound demonstrates high sensitivity when analyzing enzyme reactions in biological samples.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0112 mL	5.0559 mL	10.1118 mL
5 mM	0.2022 mL	1.0112 mL	2.0224 mL
10 mM	0.1011 mL	0.5056 mL	1.0112 mL
50 mM	0.0202 mL	0.1011 mL	0.2022 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