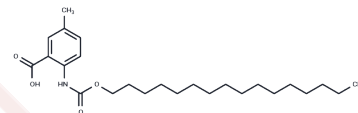


Cetilistat impurity 1

Chemical Properties

CAS No. : 890655-08-0
 Formula: C₂₅H₄₁NO₄
 Molecular Weight: 419.60
 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	Cetilistat impurity 1 is an impurity of Cetilistat, which is an inhibitor of pancreatic lipase. It inhibits rat and human pancreatic lipase activity with IC ₅₀ s of 54.8 nM and 5.95 nM, respectively.
Targets(IC ₅₀)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3832 mL	11.9161 mL	23.8322 mL
5 mM	0.4766 mL	2.3832 mL	4.7664 mL
10 mM	0.2383 mL	1.1916 mL	2.3832 mL
50 mM	0.0477 mL	0.2383 mL	0.4766 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.

Reference

Yamada Y, et al. Cetilistat (ATL-962), a novel pancreatic lipase inhibitor, ameliorates body weight gain and improves lipid profiles in rats. *Horm Metab Res.* 2008 Aug;40(8):539-43.

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