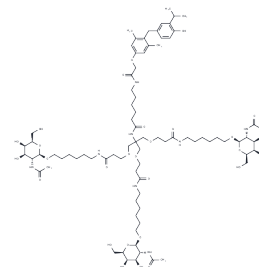


Kylo-0603

## Chemical Properties

CAS No. : 2661053-09-2  
 Formula: C<sub>81</sub>H<sub>134</sub>N<sub>8</sub>O<sub>28</sub>  
 Molecular Weight: 1667.97  
 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	KYLO-0603 is an orally active and selective THR-β agonist with an EC <sub>50</sub> of 31.07 nM. It effectively reduces serum cholesterol and low-density lipoprotein cholesterol levels. By activating THR-β receptors, KYLO-0603 enhances the expression of THR-regulated genes like iodothyronine deiodinase 1 (Dio1), malic enzyme 1 (Me1), and thyroid hormone-responsive (Thrsp) gene, while it inhibits the expression of inflammatory and fibrosis-related genes, including low-density lipoprotein receptor (LDL-R) gene. This compound is applicable for the study of metabolic associated steatohepatitis (MASH) and liver fibrosis.
Targets(IC <sub>50</sub> )	Interleukin,Thyroid hormone receptor(THR),LDLR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5995 mL	2.9977 mL	5.9953 mL
5 mM	0.1199 mL	0.5995 mL	1.1991 mL
10 mM	0.060 mL	0.2998 mL	0.5995 mL
50 mM	0.012 mL	0.060 mL	0.1199 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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