# Data Sheet (Cat.No.T39490)



### **Aclimostat**

## **Chemical Properties**

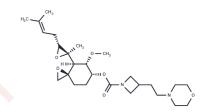
CAS No.: 2082752-83-6

Formula: C26H42N2O6

Molecular Weight: 478.63

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



# **Biological Description**

Description	Aclimostat (ZGN-1061) is a highly potent inhibitor of the MetAP2 enzyme that
	demonstrates promising efficacy and safety profiles in preclinical trials. In a mouse
	model of obesity and insulin resistance, ZGN-1061 exhibits comparable weight loss
	efficacy to beloranib, while also improving metabolic parameters. Additionally, ZGN-
	1061 induces consistent changes in gene transcription in HepG2 cells, further supporting
	its positive pharmacological effects.

# **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.0893 mL	10.4465 mL	20.893 mL
5 mM	0.4179 mL	2.08 <mark>93 mL</mark>	4.1786 mL
10 mM	0.2089 mL	1.0446 mL	2.0893 mL
50 mM	0.0418 mL	0.2089 mL	0.4179 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.

#### Reference

Burkey BF, Hoglen NC, Inskeep P, Wyman M, Hughes TE, Vath JE. Preclinical Efficacy and Safety of the Novel Antidiabetic, Antiobesity MetAP2 Inhibitor ZGN-1061. J Pharmacol Exp Ther. 2018 May;365(2):301-313.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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