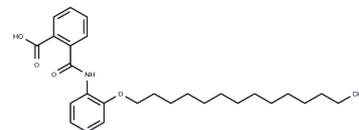


CX08005

**Chemical Properties**

CAS No. :	1256341-22-6
Formula:	C <sub>28</sub> H <sub>39</sub> NO <sub>4</sub>
Molecular Weight:	453.61
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year


**Biological Description**

Description	CX08005 is a protein tyrosine phosphatase 1B inhibitor. CX08005 reduces hepatic lipid accumulation and microcirculatory impairment associated with non-alcoholic fatty liver disease.
Targets(IC50)	Phosphatase

**Solubility Information**

Solubility	DMSO: 50 mg/mL (110.23 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.2045 mL	11.0227 mL	22.0454 mL
5 mM	0.4409 mL	2.2045 mL	4.4091 mL
10 mM	0.2205 mL	1.1023 mL	2.2045 mL
50 mM	0.0441 mL	0.2205 mL	0.4409 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**

Li J, et al. CX08005, a Protein Tyrosine Phosphatase 1B Inhibitor, Attenuated Hepatic Lipid Accumulation and Microcirculation Dysfunction Associated with Nonalcoholic Fatty Liver Disease. Pharmaceuticals (Basel). 2023 Jan

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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