

SBC-115076

## Chemical Properties

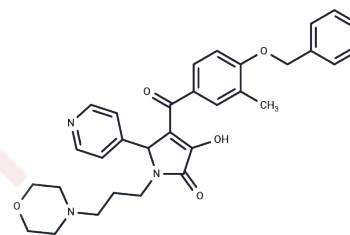
CAS No. : 489415-96-5

Formula: C<sub>31</sub>H<sub>33</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight: 527.61

Appearance: no data available

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



## Biological Description

Description	SBC-115076 is a potent extracellular proprotein convertase subtilisin kexin type 9 (PCSK9) antagonist.
Targets(IC50)	Serine/threonin kinase
In vitro	In HepG2 cells, SBC-115076 increases the uptake of Fluorescent DiI-LDL. [1]
In vivo	In mice that are fed high fat diet, SBC-115076 (8 mg/kg) lowers cholesterol levels by 32%. [1]

## Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 25.85 mg/mL (48.99 mM), Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8953 mL	9.4767 mL	18.9534 mL
5 mM	0.3791 mL	1.8953 mL	3.7907 mL
10 mM	0.1895 mL	0.9477 mL	1.8953 mL
50 mM	0.0379 mL	0.1895 mL	0.3791 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

Abdel-Meguid SS, et al. WO2014150326 A1.

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

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Tel:781-999-4286    E\_mail:info@targetmol.com    Address:36 Washington Street,Wellesley Hills,MA 02481