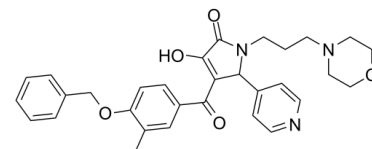


Data Sheet

Product Name:	SBC-115076
Cat. No.:	CS-5094
CAS No.:	489415-96-5
Molecular Formula:	C ₃₁ H ₃₃ N ₃ O ₅
Molecular Weight:	527.61
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : ≥ 32 mg/mL (60.65 mM)



BIOLOGICAL ACTIVITY:

SBC-115076 is an anti-proprotein convertase subtilisin kexin type 9 (anti-PCSK9) compounds, for the treatment and/or prevention of cardiovascular diseases. Target: PCSK9 in vivo: SBC-115076 lowers cholesterol levels in mice that are fed high fat diet.

PROTOCOL (Extracted from published papers and Only for reference)

Animal administration [1] The male mice (C57BL/6 mice) are treated daily with 8 mg/kg SBC-115076 subcutaneously for two weeks.

References:

[1]. Abdel-Meguid, et al. Anti-proprotein convertase subtilisin kexin type 9 (anti-PCSK9) compounds and methods of using the same in the treatment and/or prevention of cardiovascular diseases

CAIndexNames:

2H-Pyrrol-2-one, 1,5-dihydro-3-hydroxy-4-[3-methyl-4-(phenylmethoxy)benzoyl]-1-[3-(4-morpholinyl)propyl]-5-(4-pyridinyl)-

SMILES:

O=C1N(CCCN2CCOCC2)C(C3=CC=NC=C3)C(C(C4=CC=C(OCC5=CC=CC=C5)C(C)=O)=C1O

Caution: Product has not been fully validated for medical applications. For research use only.

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