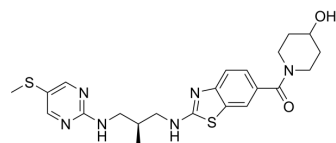


PCSK9-IN-15

Cat. No.:	HY-153451
CAS No.:	2455423-94-4
Molecular Formula:	C ₂₂ H ₂₈ N ₆ O ₂ S ₂
Molecular Weight:	472.63
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PCSK9-IN-15 (compound 5) is a potent inhibitor of proprotein convertase subtilisin/kexin 9 (PCSK9, K _D <200 nM). PCSK9 is involved in cholesterol metabolism and regulates levels of low-density lipoprotein cholesterol (LDL-C) in the blood. PCSK9-in-15 can be used to study cholesterol-lowering and dyslipidemia ^[1] .
IC ₅₀ & Target	PCSK9 ^[1]

REFERENCES

[1]. Serrano-Wu MH, et al. Preparation of 2-[[2-methyl-3-[[5-(methylthio)pyrimidin-2-yl]amino]propyl]amino]benzo[d]thiazoles and analogs as PCSK9 inhibitors and methods of their use. World Intellectual Property Organization, WO2020150474 A1. 2020-07-23.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA