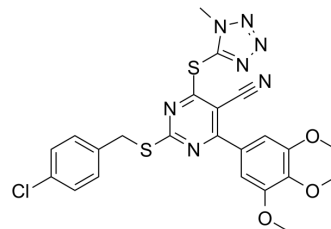


DCN1-UBC12-IN-2

Cat. No.:	HY-142694
CAS No.:	2374827-47-9
Molecular Formula:	C ₂₃ H ₂₀ ClN ₇ O ₃ S ₂
Molecular Weight:	542.03
Target:	E1/E2/E3 Enzyme
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DCN1-UBC12-IN-2 is a potent and specific DCN1-UBC12 inhibitor (IC ₅₀ =9.55 nM). DCN1-UBC12-IN-2 could specifically target DCN1-UBC12 interaction and relieve Ang II-induced cardiac fibroblast activation ^[1] .
In Vitro	DCN1-UBC12-IN-2 (DN-2) possesses relatively low cytotoxicity toward cardiac fibroblasts (CFs) with an IC ₅₀ of 27.34 μM for 24 h. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. He ZX, et al. Discovery of Potent and Selective 2-(Benzylthio)pyrimidine-based DCN1-UBC12 Inhibitors for Anticardiac Fibrotic Effects. J Med Chem. 2022;65(1):163-190.

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