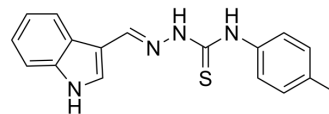


Nur77 modulator 3

Cat. No.:	HY-162147
CAS No.:	2097787-75-0
Molecular Formula:	C ₁₇ H ₁₆ N ₄ S
Molecular Weight:	308.4
Target:	mTOR; Autophagy
Pathway:	PI3K/Akt/mTOR; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nur77 modulator 3 (9e) can bind to Nur77 and inhibit TGF- β 1-induced α -SMA and COLA1 expression in a Nur77-dependent manner. Nur77 modulator 3 induces Nur77 expression and enhances autophagic flux by inhibiting the mTORC1 signaling pathway in vitro and in vivo. Nur77 modulator 3 blocks the progression of hepatic fibrosis^[1].

REFERENCES

[1]. Lin G, et al. Identification of (E)-1-((1H-indol-3-yl)methylene)-4-substitute-thiosemicarbazones as potential anti-hepatic fibrosis agents. *Bioorg Chem.* 2023 Dec 16;143:107022.

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