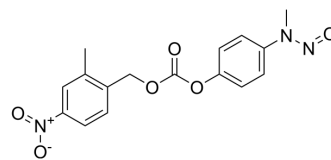


mTORC1-IN-2

Cat. No.:	HY-155475
CAS No.:	2974368-96-0
Molecular Formula:	C ₁₆ H ₁₅ N ₃ O ₆
Molecular Weight:	345.31
Target:	mTOR
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	mTORC1-IN-2 (compound H3) is a NO donor compound that alleviates vasodilation and attenuates myocardial hypoxic injury. mTORC1-IN-2 upregulates TSC2-P expression and inhibits mTORC1 expression ^[1] .
IC ₅₀ & Target	mTORC1 ^[1]

REFERENCES

[1]. Yang W et al. Discovery of Efficient Hypoxia-Targeted NO Donor Compounds to Alleviate Hypoxia Cardiac Disease. J Med Chem. 2023 Nov 16.

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