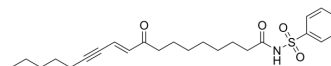


PI3K-IN-23

Cat. No.:	HY-132898
CAS No.:	2755651-17-1
Molecular Formula:	C ₂₄ H ₃₃ NO ₄ S
Molecular Weight:	431.59
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PI3K-IN-23 is an (E)-9-oxooctadec-10-en-12-ynoic acid analogue to promote glucose uptake with an EC₅₀ value of 7.00 μM. PI3K-IN-23 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Kshirsagar RR, et al. Design, Synthesis, and the Effects of (E)-9-Oxooctadec-10-en-12-ynoic Acid Analogues to Promote Glucose Uptake. ACS Omega. 2021 Sep 9;6(37):24118-24127.

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