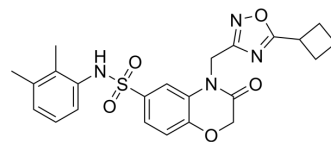


Beclin1-ATG14L interaction inhibitor 1

Cat. No.:	HY-156237
CAS No.:	1243063-73-1
Molecular Formula:	C ₂₃ H ₂₄ N ₄ O ₅ S
Molecular Weight:	468.53
Target:	Autophagy
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Beclin1-ATG14L interaction inhibitor 1 (com 19) is a selective Beclin1-ATG14L interaction inhibitor. This protein interaction mechanism specifically targets complex I of the lipid kinase VPS34 without affecting complex II. Because the integrity of VPS34 complex II depends on the Beclin 1-UVRAG interaction. Beclin1-ATG14L interaction inhibitor 1 can disrupt the formation of VPS34 complex I and inhibit autophagy, but does not affect complex II-related vesicle transport^[1].

REFERENCES

[1]. Pavlinov I, et al. Beclin 1-ATG14L Protein-Protein Interaction Inhibitor Selectively Inhibits Autophagy through Disruption of VPS34 Complex I. *J Am Chem Soc.* 2020 May 6;142(18):8174-8182.

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