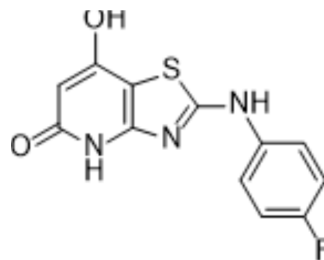


STK683963

Cat. No.:	HY-W287569
CAS No.:	370073-65-7
Molecular Formula:	C ₁₂ H ₈ FN ₃ O ₂ S
Molecular Weight:	277.27
Target:	Autophagy; Atg4
Pathway:	Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	STK683963 is a strong activator of cellular ATG4B activity. STK683963 can act as a mediator of redox-regulation of ATG4B in cells. STK683963 can be used for the research of cancer ^[1] .
In Vitro	STK683963 (0-50 μM) strongly up-regulates the luciferase release reporter in a dosedependent manner after 24 h ^[1] . STK683963 strongly activates luciferase release, which was completely blocked in the presence of NAC ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Niccolo Pengo, et al. Identification of Kinases and Phosphatases That Regulate ATG4B Activity by siRNA and Small Molecule Screening in Cells. *Front Cell Dev Biol.* 2018 Nov 1;6:148.

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