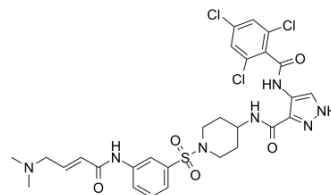


FMF-04-159-2

Cat. No.:	HY-127104
CAS No.:	2364489-81-4
Molecular Formula:	C ₂₈ H ₃₀ Cl ₃ N ₇ O ₅ S
Molecular Weight:	683.01
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	FMF-04-159-2 is a covalent CDK14 inhibitor. FMF-04-159-2 inhibits CDK14 and CDK2 with IC ₅₀ s of 39.6 nM and 256 nM in NanoBRET assay, respectively ^[1] .	
IC ₅₀ & Target	CDK14/Cyclin Y 39.6 nM (IC ₅₀ , in NanoBRET assay)	CDK2 256 nM (IC ₅₀ , in NanoBRET assay)
In Vitro	FMF-04-159-2 inhibits HCT116 proliferation with an IC ₅₀ of 1,144±190 nM ^[1] .	

REFERENCES

[1]. Ferguson FM, et al. Discovery of Covalent CDK14 Inhibitors with Pan-TAIRE Family Specificity. Cell Chem Biol. 2019 Mar 11. pii: S2451-9456(19)30070-4.

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