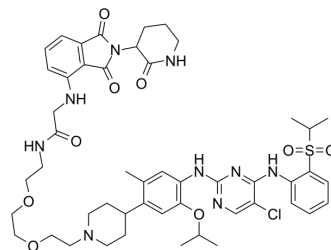


TL13-110

Cat. No.:	HY-136195
CAS No.:	2229037-09-4
Molecular Formula:	C ₄₉ H ₆₂ ClN ₉ O ₉ S
Molecular Weight:	988.59
Target:	ALK
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TL13-110 is a negative control for TL13-112 (HY-123919) and a potent ALK inhibitor with an IC ₅₀ of 0.34 nM. TL13-110 does not degrade ALK in cells ^[1] .
IC₅₀ & Target	IC ₅₀ : 0.34 nM (ALK); 81 μM (Cereblon) ^[1]
In Vitro	TL13-110 also prompts the degradation of additional kinases including Aurora A, FER, PTK2 and RPS6KA1 with IC ₅₀ values of 9080 nM, 23.1 nM, 21.2 nM, and 480 nM, respectively. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chelsea E Powell, et al. Chemically Induced Degradation of Anaplastic Lymphoma Kinase (ALK). J Med Chem. 2018 May 10;61(9):4249-4255.

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