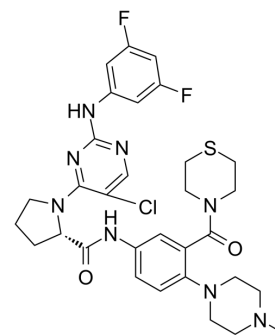


TRK/ALK-IN-1

Cat. No.:	HY-144732
Molecular Formula:	C ₃₁ H ₃₅ ClF ₂ N ₈ O ₂ S
Molecular Weight:	657.18
Target:	Trk Receptor; ALK
Pathway:	Neuronal Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TRK/ALK-IN-1 (compound 21) is a potent and dual inhibitor of TRK and ALK. TRK/ALK-IN-1 in the enzymatic assays is in good accordance with anti-proliferative activity with IC₅₀ values of 2.2, 9.3 and 38 nM towards TRKA, ALK^{WT} and ALK^{L1196M}, respectively. TRK/ALK-IN-1 has the potential for the research of cancer diseases^[1].

REFERENCES

[1]. Li T, et al. Discovery of novel 2-phenylamino-4-prolylpyrimidine derivatives as TRK/ALK dual inhibitors with promising antitumor effects. *Bioorg Med Chem*. 2021 Oct 1;47:116396.

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