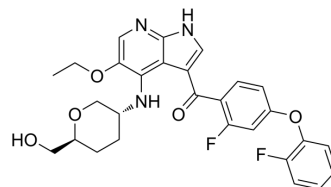


BTK-IN-25

Cat. No.:	HY-153705
CAS No.:	2562351-92-0
Molecular Formula:	C ₂₈ H ₂₇ F ₂ N ₃ O ₅
Molecular Weight:	523.53
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BTK-IN-25 (compound 71) is a potent inhibitor of BTK, and inhibits BTK(C481S) with an IC ₅₀ value of 0.77 nM. BTK-IN-25 inhibits BTK in DOHH2 cells with an IC ₅₀ value of 1 nM ^[1] .
IC ₅₀ & Target	IC50: 0.77 nM (BTK(C481S))

REFERENCES

[1]. Tan H, et al. Substituted pyrrolo[2,3-b]pyridine and pyrazolo[3,4-b]pyridine derivatives as protein kinase inhibitors and their preparation, pharmaceutical compositions and use in the treatment of cell proliferative disorders. World Intellectual Property Organization, WO2020239124 A1. 2020-12-03.

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