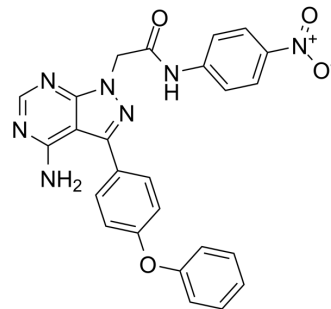


BTK-IN-9

Cat. No.:	HY-115944
CAS No.:	2361192-21-2
Molecular Formula:	C ₂₅ H ₁₉ N ₇ O ₄
Molecular Weight:	481.46
Target:	Btk; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BTK-IN-9 is a reversible BTK inhibitors with potent antiproliferative activity in mantle cell lymphoma. BTK-IN-9 specifically disturbs mitochondrial membrane potential and increases reactive oxygen species level in Z138 cells. BTK-IN-9 also induces cell apoptosis in Z138 cells^[1].

REFERENCES

[1]. Ran F, et al. Design and synthesis of novel pyrazolopyrimidine-based derivatives as reversible BTK inhibitors with potent antiproliferative activity in mantle cell lymphoma. *Med Chem Res*, 2022, 31, 594-604.

Caution: Product has not been fully validated for medical applications. For research use only.

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