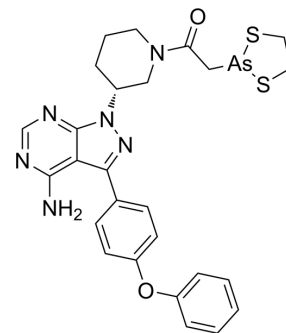


I-As-1

Cat. No.:	HY-162407
Molecular Formula:	C ₂₆ H ₂₇ AsN ₆ O ₂ S ₂
Molecular Weight:	594.58
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

I-As-1 is a potent inhibitor of Bruton's tyrosine kinase (BTK), with the IC₅₀ of 2.35 nM. I-As-1 shows antiproliferative activities among Ramos cells and OCI-LY10 cells with IC₅₀s of 0.52 μM and 0.11 μM, respectively^[1].

REFERENCES

[1]. Yang Zhao, et al. Reinvent Aliphatic Arsenicals as Reversible Covalent Warheads toward Targeted Kinase Inhibition and Non-acute Promyelocytic Leukemia Cancer Treatment. *J Med Chem.* 2024 Apr 11;67(7):5458-5472.

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

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