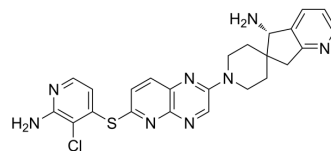


SHP2-IN-23

Cat. No.:	HY-149759
CAS No.:	2415989-91-0
Molecular Formula:	C ₂₄ H ₂₃ ClN ₈ S
Molecular Weight:	491.01
Target:	SHP2; ERK
Pathway:	Protein Tyrosine Kinase/RTK; MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SHP2-IN-23 (compound 30) is an orally active SHP2 inhibitor (IC ₅₀ =38 nM) with excellent in vivo efficacy and pharmacokinetic profiles. SHP2-IN-23 inhibits ERK phosphorylation with IC ₅₀ =5 nM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 38 nM (SHP2), 5 nM (pERK) ^[1]

REFERENCES

[1]. Elsayed M S A et al. Discovery of 5-Azaquinoxaline Derivatives as Potent and Orally Bioavailable Allosteric SHP2 Inhibitors[J]. ACS Medicinal Chemistry Letters, 2023.

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

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