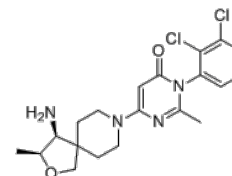


Product Name : IACS-15414
Cat. No. : PC-38186
CAS No. : 2411321-29-2
Molecular Formula : C₂₀H₂₄Cl₂N₄O₂
Molecular Weight : 423.338
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

IACS-15414 (IACS 15414) is a potent, selective, orally bioavailable **SHP2** inhibitor with IC₅₀ of 122 nM.

IACS-15414 potently suppressed the mitogen-activated protein kinase (MAPK) pathway signaling and tumor growth in RTK-activated and KRASmut xenograft models in vivo.

IACS-15414 potently suppressed the mitogen-activated protein kinase (MAPK) pathway signaling and tumor growth.

IACS-15414 had excellent PK properties across species but a narrow hERG window.

References

Barbara Czako, et al. *J Med Chem.* 2021 Oct 28;64(20):15141-15169.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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