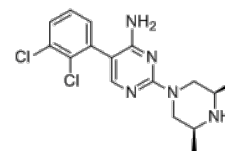


Product Name : SHP836
Cat. No. : PC-62631
CAS No. : 1957276-35-5
Molecular Formula : C₁₆H₁₉Cl₂N₅
Molecular Weight : 352.263
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

SHP836 is a distinct, allosteric site 2 **SHP2** inhibitor with IC₅₀ of 12 uM (SHP2 1-525), and selective over the phosphatase domain (SHP2 PTP IC₅₀>100 uM).

SHP836 downregulates DUSP6 mRNA, a downstream MAPK pathway marker, in KYSE-520 cancer cells.

SHP836 enhances pharmacological pathway inhibition in cells combined with SHP099.

References

Fodor M, et al. *ACS Chem Biol.* 2018 Jan 18. doi: 10.1021/acscchembio.7b00980.

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

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