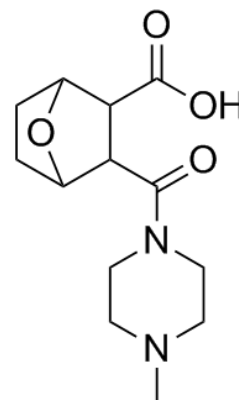


Product Name : LB-100
Cat. No. : PC-45470
CAS No. : 1632032-53-1
Molecular Formula : C₁₃H₂₀N₂O₄
Molecular Weight : 268.3089
Target : Protein Phosphatase/PTP
Solubility : H₂O: ≥ 48 mg/mL; DMSO: < 2.9 mg/mL



Biological Activity

LB-100 (LB100) is a potent serine/threonine protein phosphatase 2A (**PP2A**) inhibitor. LB100 exhibits inhibitory effect in HCC cell lines Huh-7, HepG2, Hep3B, and SNU-449 with mean IC₅₀ of 10 uM. LB100 synergistically enhances the activity of doxorubicin and induces expression of HIF-1α and VEGF. LB100 significantly enhances tumor growth inhibition by cisplatin in vivo.

References

Bai XL, et al. *Mol Cancer Ther.* 2014 Aug;13(8):2062-72.
Chang KE, et al. *Mol Cancer Ther.* 2015 Jan;14(1):90-100.
Gordon IK, et al. *Mol Cancer Ther.* 2015 Jul;14(7):1540-7.

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

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