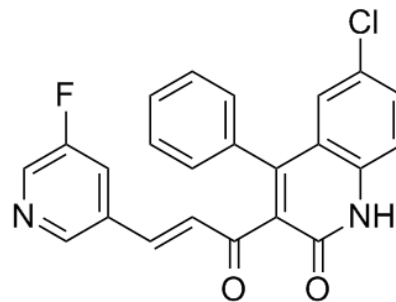


Product Name : SBI-0640756
Cat. No. : PC-45650
CAS No. : 1821280-29-8
Molecular Formula : C₂₃H₁₄ClFN₂O₂
Molecular Weight : 404.8209
Target : Eukaryotic Initiation Factor (eIF)
Solubility : DMSO: ≥ 26 mg/mL



Biological Activity

SBI-0640756 (SBI-756) is a first-in-class inhibitor that targets **eIF4G1** and disrupts the **eIF4F** complex.

SBI-0640756 impairs the eIF4F complex assembly and attenuates growth of BRAF-resistant and BRAF-independent melanomas.

SBI-0640756 inhibits the growth of NRAS, BRAF, and NF1-mutant melanomas in vitro, delays the onset and reduces the incidence of Nras/Ink4a melanomas in vivo.

SBI-0640756 attenuates the formation of BRAFi-resistant human tumors combined with PLX4720 in vivo.

References

Feng Y, et al. **Cancer Res.** 2015 Dec 15;75(24):5211-8.

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

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