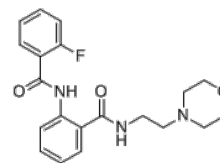


Product Name : Bcl3 inhibitor JS6
Cat. No. : PC-38199
CAS No. : 950244-33-4
Molecular Formula : C₂₀H₂₂FN₃O₃
Molecular Weight : 371.412
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

Bcl3 inhibitor JS6 is a novel potent, antimetastatic **Bcl3** inhibitor, targeting the **Bcl3-p50** interaction site.

Bcl3 inhibitor JS6 suppresses NF-κB signaling in NF-κB luciferase reporter assay and inhibits multimodal migration of breast cancer cells with IC₅₀ of 310 nM.

JS6 treatment led to reductions in Bcl3-NF-κB1 binding, tumor colony formation, and cancer cell migration in vitro. JS6 inhibited tumor stasis and showed antimetastatic activity in vivo, while being devoid of overt systemic toxicity.

References

Jitka Soukupová, et al. *Mol Cancer Ther.* 2021 May;20(5):775-786.

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

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