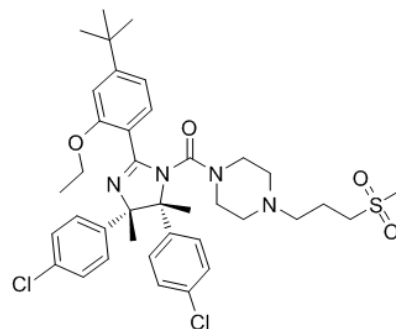


Product Name : RG7112
Cat. No. : PC-42750
CAS No. : 939981-39-2
Molecular Formula : C₃₈H₄₈Cl₂N₄O₄S
Molecular Weight : 727.7831
Target : MDM2-p53
Solubility : 10 mM in DMSO



Biological Activity

A potent and selective inhibitor of p53-MDM2 interaction; binds MDM2 with high affinity ($K_d=11$ nM); stabilizes p53 and activates the p53 pathway, leading to cell cycle arrest, apoptosis, and inhibition or regression of human tumor xenografts. orally bioactive.

References

Tovar C, et al. Cancer Res. 2013 Apr 15;73(8):2587-97.

Andreoff M, et al. Clin Cancer Res. 2016 Feb 15;22(4):868-76.

Vu B, et al. ACS Med Chem Lett. 2013 Apr 2;4(5):466-9.

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

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