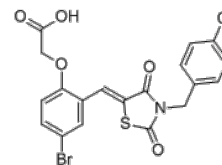


Product Name : DT204
Cat. No. : PC-61253
CAS No. : 428497-71-6
Molecular Formula : C₁₉H₁₃BrClNO₅S
Molecular Weight : 482.729
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

DT204 (DT-204) is a novel **SCF^{Skp2} inhibitor** that reduces Skp2 binding to Cullin-1 and Commd1, synergistically enhances BTZ-induced apoptosis.

DT204 stabilizes and increases p27 levels, does not increase the level of p53, demonstrates potential synergy with CI values of 0.7, 0.8 and 0.7 for RPMI8226, U266 and MM1.S respectively combined with 1 nM BTZ, co-treatment induces apoptosis in cells resistant to the proteasome inhibitors BTZ, carfilzomib or ixazomib.

DT204 overcomes drug resistance and reduces the in vivo growth of myeloma tumors in murine models.

References

Malek E, et al. *Leukemia*. 2017 Mar;31(3):645-653.

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

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