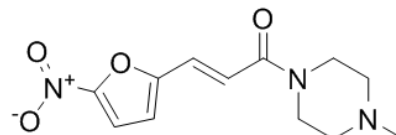


Product Name : NSC59984
Cat. No. : PC-45688
CAS No. : 803647-40-7
Molecular Formula : C₁₂H₁₅N₃O₄
Molecular Weight : 265.2652
Target : MDM2-p53
Solubility : DMSO: ≥ 38 mg/mL



Biological Activity

NSC59984 is a small molecule that both destabilize **mutant p53** and restores wild-type p53 pathway in cancer cells. NSC59984 induces mutant p53 protein degradation via MDM2 and the ubiquitin-proteasome pathway, restores wild-type p53 signaling via p73 activation, specifically in mutant p53-expressing colorectal cancer cells. NSC59984 degrades mutant p53R273H, rescued CDH6 expression. NSC59984 significantly represses DLD-1 xenograft tumor growth.

References

Zhang S, et al. **Cancer Res.** 2015 Sep 15;75(18):3842-52.
Karthikeyan S, et al. **Oncotarget.** 2016 Oct 25;7(43):69871-69882.

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

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