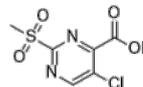


**Product Name** : PK11000  
**Cat. No.** : PC-25969  
**CAS No.** : 38275-34-2  
**Molecular Formula** : C<sub>6</sub>H<sub>5</sub>ClN<sub>2</sub>O<sub>4</sub>S  
**Molecular Weight** : 236.63  
**Target** : MDM2-p53  
**Solubility** : 10 mM in DMSO



## Biological Activity

PK11000 is a small molecule allosteric disruptor Y220C and Y220C p53 reactivator, reactivates p53 native function in Y220C mutant present tumors.

PK11000 rescues Y220C mutant p53 DBD by recapitulating WT dynamics and hydrogen-bonding network.

PK11000 restore stability and reinstate activity both in vitro and in vivo in rodent models.

## References

Han ISM, et al. ACS Omega. 2022 Jan 13;7(3):2831-2841.

Han ISM, et al. ACS Omega. 2024 Apr 22;9(18):19837-19847.

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

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