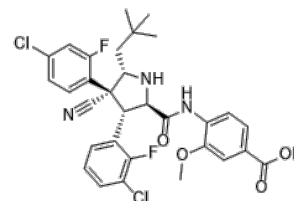


**Product Name** : Idasanutlin  
**Cat. No.** : PC-25429  
**CAS No.** : 1229705-06-9  
**Molecular Formula** :  $C_{31}H_{29}Cl_2F_2N_3O_4$   
**Molecular Weight** : 616.49  
**Target** : MDM2-p53  
**Solubility** : 10 mM in DMSO



### Biological Activity

Idasanutlin (RG7388) is a potent and selective p53-MDM2 inhibitor with IC<sub>50</sub> of 6 nM in HTRF binding assays, inhibits wt-p53 cancer cell lines (SJSA1, RKO, HCT116) with mean IC<sub>50</sub> of 0.03 uM.

Idasanutlin (RG7388) shows >300-fold selective over mutant p53 cell lines (SW480, MDA-MB435).

Idasanutlin (RG7388) effectively activated the p53 pathway in SJSA1 cells and induced tumor growth inhibition (TGI) in correlative xenografts in nude mice .

Idasanutlin (RG7388) has demonstrated the ability to activate apoptosis and induce tumor stasis with continuous treatment.

### References

Ding Q, et al. J Med Chem. 2013 Jul 25;56(14):5979-83.

Higgins B, et al. Clin Cancer Res. 2014 Jul 15;20(14):3742-52.

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

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