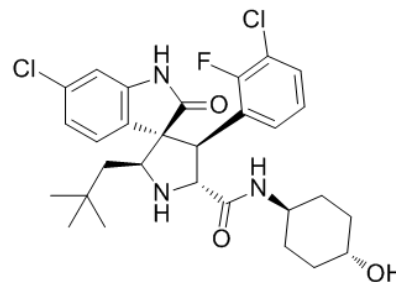


**Product Name** : SAR-405838  
**Cat. No.** : PC-45588  
**CAS No.** : 1303607-60-4  
**Molecular Formula** : C<sub>29</sub>H<sub>34</sub>Cl<sub>2</sub>FN<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 562.503  
**Target** : MDM2-p53  
**Solubility** : 10 mM in DMSO



## Biological Activity

SAR-405838(MI-77301, MI-773) is a potent and highly selective small-molecule inhibitor of **MDM2-p53 interaction** with Ki of 0.88 nM; activates wild-type p53 in vitro and causes p53-dependent cell-cycle arrest and/or apoptosis; shows durable tumor regression or complete tumor growth inhibition in mouse xenograft models of SJS-1 osteosarcoma, RS4;11 acute leukemia, LNCaP prostate cancer, and HCT-116 colon cancer; orally bioactive.

Blood Cancer

Phase 1 Clinical

## References

Wang S, et al. *Cancer Res.* 2014 Oct 15;74(20):5855-65.

Bill KL, et al. *Clin Cancer Res.* 2016 Mar 1;22(5):1150-60.

Lu J, et al. *Oncotarget.* 2016 Dec 13;7(50):82757-82769.

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

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