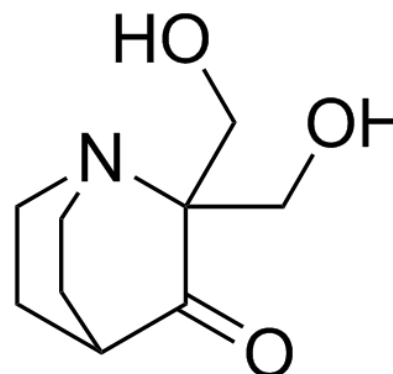


**Product Name** : PRIMA-1  
**Cat. No.** : PC-45773  
**CAS No.** : 5608-24-2  
**Molecular Formula** : C<sub>9</sub>H<sub>15</sub>NO<sub>3</sub>  
**Molecular Weight** : 185.2203  
**Target** : MDM2-p53  
**Solubility** : DMSO: ≥ 44 mg/mL



### Biological Activity

A specific mutant p53 reactivator that induces apoptosis and enhances chemotherapeutic cytotoxicity in cancer cell lines; is efficacious against myeloma cells with differential p53 genotypes, causes the demethylation of TP73, through DNMT1 depletion, to subsequently enhance UPR; selectively induces apoptosis and cell cycle arrest in p53 mutant cells compared to CAPAN-2 cells.

Blood Cancer  
Phase 2 Clinical

### References

Izetti P, et al. Invest New Drugs. 2014 Oct;32(5):783-94.

Bykov VJ, et al. Carcinogenesis. 2002 Dec;23(12):2011-8.

Teoh PJ, et al. Oncotarget. 2016 Sep 20;7(38):61806-61819.

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

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