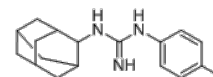


**Product Name** : IPAG  
**Cat. No.** : PC-60076  
**CAS No.** : 193527-91-2  
**Molecular Formula** : C<sub>17</sub>H<sub>22</sub>IN<sub>3</sub>  
**Molecular Weight** : 395.29  
**Target** : Sigma Receptor  
**Solubility** : 50 mM in ethanol;100 mM in DMSO



## Biological Activity

IPAG is a prototypic selective inhibitor of **sigma1** receptor that engages the unfolded protein response and induces autophagy in cancer cells.

IPAG induces autophagic degradation of PD-L1 in PC3 and MDA-MB-231 cells.

## References

- Wilson AA, et al. J Med Chem. 1991 Jun;34(6):1867-70.  
Whittemore ER, et al. J Pharmacol Exp Ther. 1997 Jul;282(1):326-38.  
Schrock JM, et al. Mol Pharmacol. 2013 Nov;84(5):751-62.  
Maher CM, et al. Mol Cancer Res. 2017 Nov 8. pii: molcanres.0166.2017.

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

E-mail: tech@probechem.com