

**Product Name** : HEX-1  
**Cat. No.** : PC-24385  
**CAS No.** : 1073-13-8  
**Molecular Formula** : C<sub>8</sub>H<sub>12</sub>O  
**Molecular Weight** : 124.18  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

HEX-1 is a valuable addition to the armamentarium against CRC, suppresses the proliferation of cancer cells and tumorigenesis via the inactivation and sensitization of **PIN1**.

HEX-1 exhibits similar functional effects as all-trans retinoic acid (atRA) but stands out by not inducing the degradation of PIN1 mRNA or protein expression, unlike biological compounds associated with atRA.

HEX-1 demonstrated the ability to induce G1/S arrest in vitro and ameliorate the progression of inflammatory CRC in mice by remodeling the gut microbiota.

### References

Ma Y, et al. *Discov Oncol.* 2025 Apr 18;16(1):565.

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

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