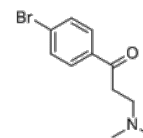


**Product Name** : Aldi-6  
**Cat. No.** : PC-70323  
**CAS No.** : 2138-34-3  
**Molecular Formula** : C<sub>11</sub>H<sub>14</sub>BrNO  
**Molecular Weight** : 256.143  
**Target** : Aldehyde Dehydrogenase (ALDH)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Aldi-6 is a novel small molecule **ALDH** inhibitor with IC<sub>50</sub> of 600 nM, 800 nM and 1000 nM for ALDH1A1, ALDH2, and ALDH3A1, respectively.

Aldi-6 decreases SCC4 cells viability, sensitizes HNSCC cells to cisplatin.

The combination of Aldi-6 and cisplatin causes a greater reduction in tumor burden in vivo than cisplatin alone.

## References

Kim J, et al. *Oncotarget*. 2017 Apr 10. doi: 10.18632/oncotarget.17017.

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

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