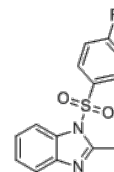


**Product Name** : ALD1A3 inhibitor CB7  
**Cat. No.** : PC-20207  
**CAS No.** : 324777-01-7  
**Molecular Formula** : C<sub>14</sub>H<sub>11</sub>FN<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight** : 290.31  
**Target** : Aldehyde Dehydrogenase (ALDH)  
**Solubility** : 10 mM in DMSO



## Biological Activity

ALD1A3 inhibitor CB7 is a highly selective inhibitor of **ALDH3A1** with IC<sub>50</sub> of 0.2 μM, does not inhibit ALDH1A1, ALDH1A2, ALDH1A3, ALDH1B1, or ALDH2 activity.

CB7 binds to the aldehyde binding pocket of ALDH3A1.

## References

Parajuli B, et al. *J Med Chem*. 2014 Jan 23;57(2):449-61.

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

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