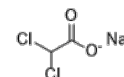


**Product Name** : Sodium dichloroacetate  
**Cat. No.** : PC-23723  
**CAS No.** : 2156-56-1  
**Molecular Formula** : C<sub>2</sub>HCl<sub>2</sub>NaO<sub>2</sub>  
**Molecular Weight** : 150.92  
**Target** : Pyruvate Dehydrogenase Kinase (PDK)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Sodium dichloroacetate is a small molecule inhibitor of pyruvate dehydrogenase kinase 1 (PDK1, PDHK1), decreases lactic acid in the tumor microenvironment.

## References

Haugrud AB, et al. Breast Cancer Res Treat. 2014 Oct;147(3):539-50.

Kato M, et al. Structure. 2007 Aug;15(8):992-1004.

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

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