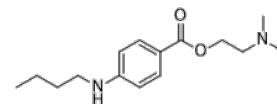


**Product Name** : Tetracaine  
**Cat. No.** : PC-27184  
**CAS No.** : 94-24-6  
**Molecular Formula** : C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 264.37  
**Target** : Sodium Channel  
**Solubility** : 10 mM in DMSO



### Biological Activity

Tetracaine (Amethocaine) is a sodium channel inhibitor and ryanodine receptor (RyR) inhibitor, blocks sodium conduction across nerve cell membranes, preventing rapid sodium ion influx and depolarization.

### References

Macsari I, et al. J Med Chem. 2012;55(15):6866-6880.

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

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