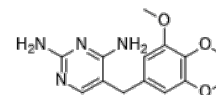


**Product Name** : Trimethoprim  
**Cat. No.** : PC-22663  
**CAS No.** : 738-70-5  
**Molecular Formula** : C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 290.32  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



## Biological Activity

Trimethoprim is a bacteriostatic antibiotic and an orally active dihydrofolate reductase (DHFR) inhibitor, shows activity against a wide range of Gram-positive and Gram-negative aerobic bacteria.

## References

Laskowska, E., et al., Curr Microbiol, 2003. 47(4): p. 286-9.

El Habbal MH. Virol J. 2021 Jun 3;18(1):113.

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

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