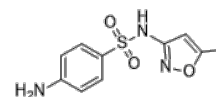


Product Name : Sulfamethoxazole
Cat. No. : PC-28120
CAS No. : 723-46-6
Molecular Formula : C₁₀H₁₁N₃O₃S
Molecular Weight : 253.28
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Sulfamethoxazole (Ro 4-2130) is a sulfonamide antibiotic for various bacterial, interferes with folic acid synthesis in susceptible bacteria, is a competitive dihydropteroate synthase (DHPS) inhibitor.

References

Zambuzzi-Carvalho, et al. Med Mycol. 2015;53(5):477-492.

Choonara BF, et al. AAPS PharmSciTech. 2015 Aug;16(4):771-86.

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

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