



Sulfamethoxazole [KLH] (DAGA-199K)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description

Sulfamethoxazole (abbreviated SMZ or SMX) is a sulfonamide bacteriostatic antibiotic. It is most often used as part of a synergistic combination with trimethoprim in a 5:1 ratio in co-trimoxazole (abbreviated SMZ-TMP and SMX-TMP, or TMP-SMZ and TMP-SMX), also known under trade names such as Bactrim, Septrin, or Septra; in Eastern Europe it is marketed as Biseptol. Its primary activity is against susceptible forms of *Streptococcus*, *Staphylococcus aureus* (including MRSA), *Escherichia coli*, *Haemophilus influenzae*, and oral anaerobes. It is commonly used to treat urinary tract infections. In addition it can be used as an alternative to amoxicillin-based antibiotics to treat sinusitis. It can also be used to treat toxoplasmosis and it is the drug of choice for *Pneumocystis pneumonia*, which affects primarily patients with HIV.

Conjugate	KLH
Applications	Immunogen
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Keywords

A047; Azo-gantanol; Bactrim; Septrin; Simsinomin; Sinomin; SMZ; Sulfamethalazole; Sulfamethoxazol; sulfamethoxizole; Sulfamethylisoxazole; n(1)-(5-methyl-3-isoxazolyl)-sulfanilamid; n(1)-(5-methyl-3-isoxazolyl)sulfanilamide; N"-(5-Methyl-3-isoxazole)sulfanilamide