



Sulfamethoxazol [HSA-Biotin] (DAG477S)

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

PRODUCT INFORMATION

Antigen Description	Sulfamethoxazol, covalently linked to biotinylated human serum albumin
Species	N/A
Purity	chromatography, dialysis
Conjugate	HSA-Biotin
Applications	e.g. allergy test, immunoassays etc.
Molecular Weight	app. 65 kDa
Format	Liquid
Concentration	1 mg/mL, conjugation ratio is app. 1:10 - 1:40.
Size	1 mg
Buffer	PBS
Preservative	0.05% sodium azide
Storage	Store at 4°C.

BACKGROUND

Introduction	Sulfamethoxazole is an isoxazole (1,2-oxazole) compound having a methyl substituent at the 5-position and a 4-aminobenzenesulfonamido group at the 3-position. It has a role as an antibacterial agent, an antiinfective agent, an epitope, an EC 2.5.1.15 (dihydropteroate synthase) inhibitor, an antimicrobial agent, a P450 inhibitor, an EC 1.1.1.153 [sepiapterin reductase (L-erythro-7,8-dihydrobiopterin forming)] inhibitor, an environmental contaminant, a xenobiotic and a drug allergen. It is a sulfonamide, a member of isoxazoles, a substituted
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aniline and a sulfonamide antibiotic. It derives from a sulfanilamide.

Keywords

drug-HSA-Biotin conjugate, drug-conjugate, sulfamethoxazol HSA-Biotin conjugate
