

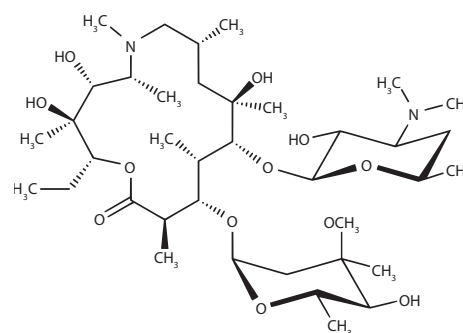


AZITHROMYCIN

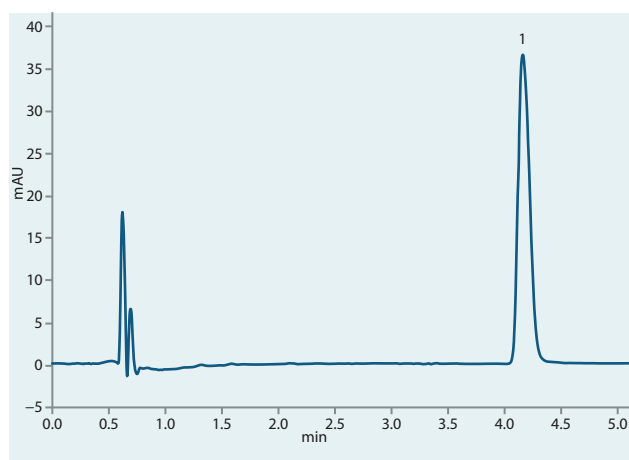
INTRODUCTION

Azithromycin is an antibiotic used to treat many different types of infections. It belongs to a group called macrolides and has relatively broad antibacterial activity.

Substance: Azithromycin, CAS number 83905-01-5
Synonyms: Azithrocin, Azimin, Azadose, Ribotrex, Sumamed, Zithromax, Zmax
Formula: (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-Ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-15-oxo-11-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]-1-oxa-6-azacyclopentadecan-13-yl 2,6-dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranoside



Azithromycin



Standard mixture on ARION® column

Column	ARION® Plus C18, 1.7 μ m
Dimensions	100 mm $\times$ 2.1 mm
Part number	ARI-5720-BI21
Mobile phase	ACN / Water
Flow rate	0.3 ml/min
Temperature	40 °C
Detection	DAD
Analytes	1. Azithromycin