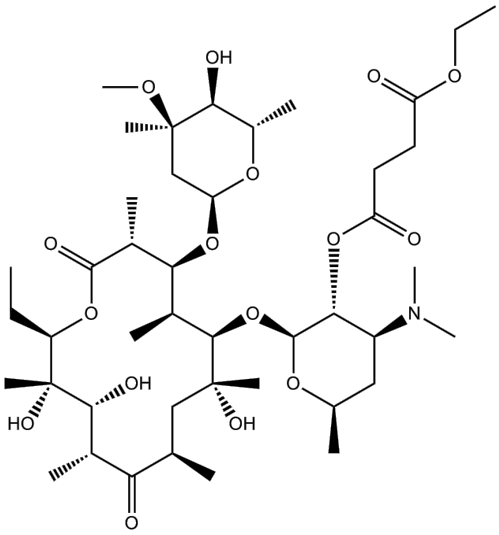
Product Data Sheet

Product Name: Erythromycin Ethylsuccinate
Cat. No.: GC10326

Chemical Properties

Cas. No.	1264-62-6		
SMILES	CCC1C(C(C(C(=O)C(CC(C(C(C(C(C(=O)O1)C)OC2CC(C(C(O2)C)O)(C)OC)C)OC3C(C(CC(O3)C)N(C)C)OC(=O)CCC(=O)OCC)(C)O)C)C)O)(C)O		
Formula	$C_{43}H_{75}NO_{16}$	M.Wt	862.05
Solubility	≥ 30.35mg/mL in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Erythromycin Ethylsuccinate is an antibiotic useful for the treatment of a number of bacterial infections, has an antimicrobial spectrum similar to or slightly wider than that of penicillin.

References:

[1]. Gustafsson A, et al. The association of erythromycin ethylsuccinate with acute colitis in horses in

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Sweden. Equine Vet J. 1997 Jul;29(4):314-8.
[2]. Feng YC, et al. Construction of universal quantitative models for determination of roxithromycin and erythromycin ethylsuccinate in tablets from different manufacturers using near infrared reflectance spectroscopy. J Pharm Biomed Anal. 2006 May 3;41(2):373-84.

Caution: Product has not been fully validated for medical applications. For research use only.
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