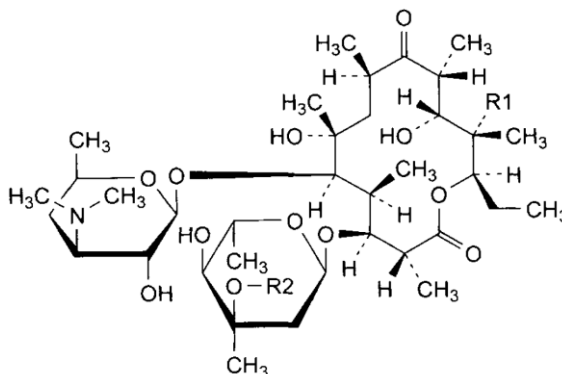


PRODUCT Erthyromycin Ph. Eur.

CAS no. [114-07-8]



Erythromycin	Mol. Formula	M _r	R1	R2
A	C ₃₇ H ₆₇ NO ₁₃	734	OH	CH ₃
B	C ₃₇ H ₆₇ NO ₁₂	718	H	CH ₃
C	C ₃₆ H ₆₅ NO ₁₃	720	OH	H

CHARACTERISTICS White or slightly yellow powder or colourless or slightly yellow crystals, slightly hygroscopic. Slightly soluble in water (the solubility decreases as the temperature rises), freely soluble in alcohol, soluble in methanol.

TEST	SPECIFICATION	
Identification	Conforms to Ph. Eur. test	
Specific optical rotation	-71° to -78°	
Thiocyanate	Not more than 0.3%	
Water	Not more than 6.5%	
Sulphated ash	Not more than 0.2%	
Related substances	Any impurity	Not more than 3.0%
	Total impurities	Not more than 7.0%
Content	Erythromycin A + B + C	93.0% to 102.0%
	Erythromycin B	Not more than 5.0%
	Erythromycin C	Not more than 5.0%

ENQUIRY