Product Name: Davercin

Product Number: D035

CAS Number: 55224-05-0

Molecular Formula: C38H65NO14

Molecular Weight: 759.9

Appearance: White solid

Storage Conditions: -20°C

Description: Davercin (erythromycin A cyclic 11,12-carbonate) is a first generation semi-synthetic erythromycin. Davercin is prepared by coupling the 11- and 12-OH groups to form a cyclic carbonate. This simple modification improves the stability and hydrophobicity of the macrocyclic structure. Davercin shows comparable or better in vitro potency, low host toxicity and improved pharmacokinetics compared with erythromycin.

Davercin is soluble in ethanol, methanol, DMF and DMSO.

References:
