Product Name: Erythromycin A oxime

Product Number: E055

CAS Number: 111321-02-9

Molecular Formula: C$_{37}$H$_{67}$NO$_{14}$

Molecular Weight: 749.9

Appearance: White solid

Solubility: water, ethanol, methanol, DMF and DMSO.

Storage Conditions: -20°C

Description: Erythromycin A 9-oxime is a semi-synthetic analog Erythromycin prepared as means of overcoming acid lability and improving oral absorption of Erythromycin A while retaining antibacterial potency. Although not developed as a commercial product, Erythromycin Oxime was pivotal in the development of the ring expanded aza-erythromycins (e.g. azithromycin) and the oxime ethers (e.g. roxithromycin).

Erythromycin A 9-oxime is soluble in water, ethanol, methanol, DMF and DMSO.

For other Erythromycin products, click here.

References: