Product Name: Erythromycin A oxime
Product Number: E055
CAS Number: 111321-02-9
Molecular Formula: \( \text{C}_{37}\text{H}_{67}\text{NO}_{14} \)
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:


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