**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:**
