### Product Name:
Erythromycylamine

### Product Number:
E057

### CAS Number:
26116-56-3

### Molecular Formula:
C\textsubscript{37}H\textsubscript{70}N\textsubscript{2}O\textsubscript{12}

### Molecular Weight:
735.0

### Appearance:
White solid

### Storage Conditions:
-20°C

### Description:
Erythromycylamine is a semi-synthetic analogue of erythromycin prepared by reduction of erythromycin oxime. Erythromycylamine is a potent antibiotic, however the introduction of the amino-moiety increases the compound’s polarity and is disadvantageous for in vivo use. This limitation was overcome by the synthesis of dirithromycin, a Schiff base pro-drug that dissociates in vivo to erythromycylamine.

Erythromycylamine is soluble in ethanol, methanol, DMF or DMSO. Good water solubility.

### References:

If you need any help, contact us: info@toku-e.com. Find more information on: www.toku-e.com/