

Product Name:	Indolmycin
Product Number:	I021
CAS Number:	21200-24-8
Molecular Formula:	C ₁₄ H ₁₅ N ₃ O ₂
Molecular Weight:	257.3
Appearance:	White powder
Storage Conditions:	-20°C
Description:	<p>Indolmycin is a highly selective antibiotic which acts as a tryptophan anti-metabolite. Recent research has shown that indolmycin is active against Mycobacteria and H. pylori, and can stimulate transcription in Escherichia coli.</p> <p>Indolmycin is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
References:	<p>Indolmycin resistance of Streptomyces coelicolor A3(2) by induced expression of one of its two tryptophanyl-tRNA synthetases. Kitabatake M. et al. J Biol Chem. 2002, 277, 23882.</p> <p>Indolmycin-mediated inhibition and stimulation of transcription at the trp promoter of Escherichia coli. Bogosian G. et al. J Bacteriol. 1983, 153, 1120.</p> <p>Development of a stereoselective practical synthetic route to indolmycin, a candidate anti-H. pylori agent. Hasuoka A. et al. Chem Pharm. Bull. 2001, 49, 1604.</p>