

Product Name:	Caerulomycin
Product Number:	C159
CAS Number:	21802-37-9
Molecular Formula:	$C_{12}H_{11}N_3O_2$
Molecular Weight:	229.2
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Caerulomycin is a rare and unusual antibiotic containing a core 2, 2'-bispyridyl with an oxime substituent, produced by a strain of <i>Streptomyces caeruleus</i> isolated in Canada in 1959. Caerulomycin is active against fungi and some protozoans, and is weakly active against bacteria. While its discovery has stimulated some synthetic effort, little is known about the mode and spectrum of action of caerulomycin.</p>
References:	<p>Caerulomycin is soluble in ethanol, methanol, DMF and DMSO.</p> <p>Caerulomycin, a new antibiotic from <i>Streptomyces caeruleus</i> Baldacci: I. Production, isolation, assay and biological properties. Funk A. & Divekar P.V. Can. J. Microbiol. 1959, 5, 317.</p> <p>Caerulomycin, a new antibiotic from <i>Streptomyces caeruleus</i> Baldacci. II. Structure. Divekar P.V. et al. Can. J. Chem. 1967, 45, 1215.</p>