PRODUCT INFORMATION

Oxaline
Item No. 29574

CAS Registry No.:	55623-37-5
Formal Name:	(3E,7aR,12aS)-7a-(1,1-dimethyl-2-propen-1-yl)-7a,12-dihydro-3-(1H-imidazol-5-ylmethylene)-6,12-dimethoxy-1H,5H-imidazo[1′,2′:1,2]pyrido[2,3-b]indole-2,5(3H)-dione
MF:	$C_{24}H_{25}N_5O_4$
FW:	447.5
Purity:	≥70%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years
Item Origin:	Fungus/Unidentified sp.
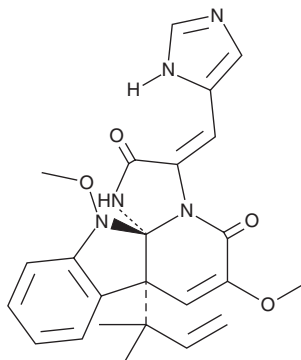
Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Oxaline is supplied as a solid. A stock solution may be made by dissolving the oxaline in the solvent of choice, which should be purged with an inert gas. Oxaline is soluble in ethanol, DMSO, dichloromethane, and methanol.

Description

Oxaline is an alkaloid fungal metabolite originally isolated from *P. oxalicum*.[1]

Reference

1. Nagel, D.W., Pachler, K.G.R., Steyn, P.S., *et al*. The chemistry and ^{13}C NMR assignments of oxaline, a novel alkaloid from *penicillium oxalicum*. *Tetrahedron* **32(21)**, 2625-2631 (1976).