

Product Name:	2-Oxazolidone
Product Number:	O038
CAS Number:	497-25-6
Molecular Formula:	$C_3H_5NO_2$
Molecular Weight:	87.08 g/mol
Form:	Powder
Appearance:	White powder
Solubility:	>13.1 [ug/mL]
Source:	Synthetic
Storage Conditions:	$\leq 30^{\circ}C$
Description:	2-Oxazolidone is a heterocyclic organic compound.
Mechanism of Action:	2-Oxazolidone acts by inhibiting protein synthesis, targeting the binding of N-formylmethionyl-tRNA to the ribosome.
Spectrum:	This antimicrobial agent is effective against Gram-positive bacteria
References:	Pandit N et al. "Current Updates on Oxazolidinone and Its Significance," International Journal of Medicinal Chemistry (2012) Article ID 159285, 24 pages.