



Product Information

Antifection inhibitor Povidone iodine, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ040

Size: 100 mg; 500 mg

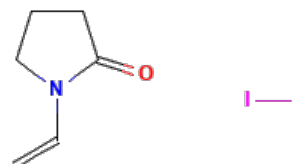
MDL: MFCD00084483

CAS Number: 25655-41-8

Compound CID: 410087

Synonym: 25655-41-8; Antifection inhibitor; Povidone-Iodines

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Povidone iodine, soluble in DMSO, water and ethanol, has strong immunosuppressant properties.
Molecular Weight	364.95
Molecular Formula	C ₆ H ₉ I ₂ NO
IUPAC Name	1-Ethenylpyrrolidin-2-one;molecular iodine
InChI	InChI=1S/C6H9NO.I2/c1-2-7-5-3-4-6(7)8;1-2/h2H,1,3-5H2;
InChI Key	CPKVUHPKYQGHW-UHFFFAOYSA-N
Canonical SMILES	C=CN1CCCC1=O.II
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 25 mg/mL; Water: 25 mg/mL; Ethanol: 25 mg/mL
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Povidone iodine is an antifection inhibitor used in studies for its broad-spectrum antimicrobial activity, particularly in infection control and wound management.
Storage	Store at -20°C, and keep desiccated.