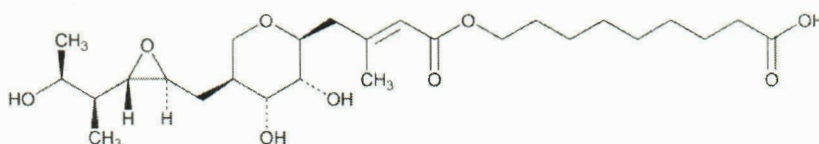


Mupirocin USP

Batch no 260507MP
Mf date May 17 2026
Expiry May 16 2030

Molecular Structure



Molecular Formula $C_{26}H_{44}O_9$
Molecular Weight 500.62
CAS Registry Number 12650-69-0

Jul 23 2026

Tests	Specifications	Results
Appearance	White or off-white powder	White powder
Identification	IR	Positive
Crystallinity	Meets the requirements	Conforms
pH	3.5 ~ 4.5	3.9
Related substances	Impurity A $\leq 1.0\%$	ND
	Impurity B $\leq 1.0\%$	0.3%
	Impurity C $\leq 4.0\%$	1.4%
	Impurity D $\leq 1.0\%$	ND
	Impurity E $\leq 1.0\%$	0.2%
	Impurity F $\leq 1.0\%$	0.6%
	Single unknown impurity $\leq 1.0\%$	0.1%
	Total impurities $\leq 6.0\%$	2.6%
Water	$\leq 1.0\%$	0.1%
Residual solvents	Ethyl acetate ≤ 500 ppm	20 ppm
	Isobutyl acetate ≤ 5000 ppm	980 ppm
	Heptane ≤ 500 ppm	38 ppm
	Acetone ≤ 500 ppm	1 ppm
Assay (oab)	92.0 ~ 102.0% of $C_{26}H_{44}O_9$	98.3%

Packaging & storage	Preserve in a tight, light-resistant container at a temperature 2 ~ 8°C
Conclusion	Material complies with USP