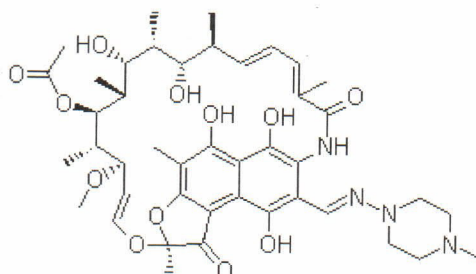


Batch no 20250608  
Mf date Jun 17 2025  
Expiry date Jun 16 2029

Molecular Structure



Molecular Formula  $C_{43}H_{58}N_4O_{12}$   
Molecular Weight 822.95  
CAS Registry Number 13292-46-1

Aug 26 2025

Tests	Specifications	Results
Appearance	Reddish-brown or brownish-red crystalline powder	Conforms
Solubility	Slightly soluble in water, soluble in methanol, slightly soluble in acetone & in ethanol (96%)	Conforms
Identification	UV, IR, colour reaction	Positive
pH	4.5 ~ 6.5	5.8
Related substances	Rifampicin quinone $\leq 1.5\%$ Any other impurity $\leq 1.0\%$ Sum of impurities other than Rifampicin quinone $\leq 3.5\%$	0.1% 0.4% 1.3%
Loss on drying	$\leq 1.0\%$	0.2%
Sulfated ash	$\leq 0.1\%$	0.07%
Residual solvents	Acetone $\leq 5000$ ppm 1-Butanol $\leq 5000$ ppm Ethyl acetate $\leq 5000$ ppm Butyl acetate $\leq 5000$ ppm N,N-Dimethylformamide $\leq 880$ ppm	Conforms Conforms Conforms Conforms Conforms
Tapped density	-----	0.71 gr/mL
Assay (odb)	97.0 ~ 102.0%	99.7%
Packaging and storage	In an airtight container, protected from light, at a temperature not exceeding 25°C Long term storage: protection with nitrogen filled	
Conclusion	Material complies with BP2024	