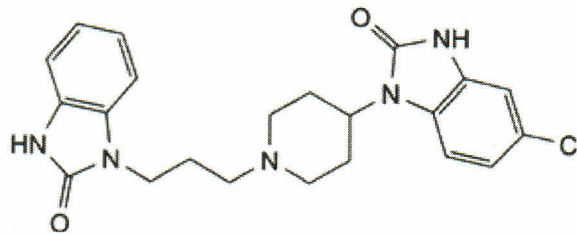




Batch no 260416-3
Mf date Apr 16 2026
Retest Apr 15 2030

Molecular Structure



Molecular Formula $C_{22}H_{24}ClN_5O_2$
Molecular Weight 425.9
CAS Registry Number 57808-66-9

May 21 2026

Tests	Specifications	Results	
Appearance	White or off-white crystalline powder	Conforms	
Solubility	Practically insoluble in water, soluble in dimethylformamide, slightly soluble in ethanol (96%) & in methanol	Conforms	
Identification	IR, TLC	Positive	
Melting point	244 ~ 248°C	244.7 ~ 247.3°C	
Appearance of solution	The solution is clear & colorless	Conforms	
Loss on drying	≤ 0.5%	0.19%	
Sulfated ash	≤ 0.1%	0.04%	
Related substances	Impurity A	≤ 0.25%	0.1%
	Impurity B	≤ 0.25%	0.06%
	Impurity C	≤ 0.25%	ND
	Impurity D	≤ 0.25%	0.16%
	Impurity E	≤ 0.25%	0.04%
	Impurity F	≤ 0.25%	0.02%
	Total impurities	≤ 0.5%	0.25%
Heavy metals	≤ 20 ppm	< 20 ppm	
Assay (odb)	99.0 ~ 101.0% of $C_{10}H_{20}N_2S_4$	99.5%	

Packaging & storage	Protected from light
Conclusion	Material complies with EP10.0