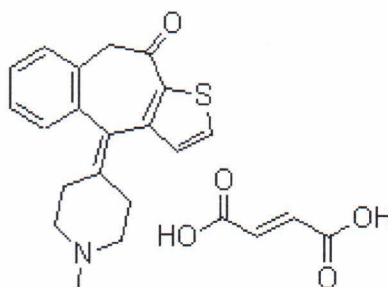


Batch no 20230919  
Mf date Sep 19 2023  
Expiry Sep 18 2026

Molecular Structure



Molecular Formula  $C_{19}H_{19}NOS \cdot C_4H_4O_4$   
Molecular Weight 425.50  
CAS Registry Number 34580-14-8

Nov 15 2023

Tests	Specifications	Results
Appearance	White to brownish-yellow, fine, crystalline powder	Conforms
Solubility	Sparingly soluble in water, slightly soluble in methanol, very slightly soluble in acetone	Conforms
Identification	TLC, IR	Positive
Appearance of solution	Clear & $\leq Y_4$ , $BY_4$ or $B_4$	$< BY_4$
Sulfated ash	$\leq 0.1\%$	0.05%
Loss on drying (105°C, 4hr)	$\leq 0.5\%$	0.2%
Related substances (HPLC)	Impurity A $\leq 0.2\%$	0.03%
	Impurity G $\leq 0.2\%$	ND
	Each unspecified impurity $\leq 0.1\%$	Conforms
	Total impurities $\leq 0.3\%$	0.26%
Assay (odb)	98.5 ~ 101.0% of $C_{19}H_{19}NOS \cdot C_4H_4O_4$	99.12%

Packaging & storage	Preserved in tight and light resistant container, temperature $\leq 30^\circ\text{C}$
Conclusion	Material complies with EP9