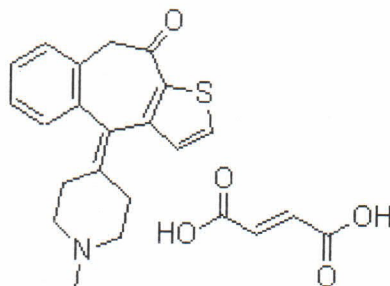


Batch no 20250503
Mf date May 03 2025
Expiry May 02 2028

Molecular Structure



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

Jul 02 2025

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	$\leq 0.1\%$	0.03%
Loss on drying (105°C, 4hr)	$\leq 0.5\%$	0.3%
Related substances (HPLC)	Impurity A $\leq 0.2\%$	0.01%
	Impurity G $\leq 0.15\%$	0.05%
	Each unspecified impurity $\leq 0.1\%$	0.02%
	Total impurities $\leq 0.3\%$	0.09%
Assay (odb)	98.5 ~ 101.0% of $C_{19}H_{19}NOS \cdot C_4H_4O_4$	99.7%

Packaging & storage	Preserved in tight and light resistant container, temperature $\leq 30^\circ\text{C}$
Conclusion	Material complies with EP11