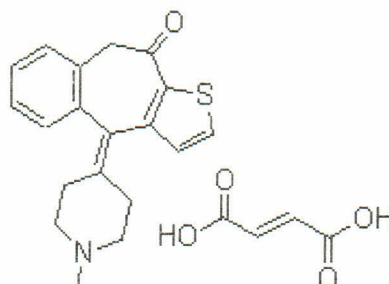


Batch no 20251226
 Mf date Dec 26 2025
 Expiry Dec 25 2028

Molecular Structure



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

Mar 13 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
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)	$\leq 0.5\%$	0.1%
Related substances (HPLC)	Impurity A $\leq 0.2\%$	0.05%
	Impurity G $\leq 0.15\%$	ND
	Each unspecified impurity $\leq 0.1\%$	Conforms
	Total impurities $\leq 0.3\%$	0.13%
Assay (odb)	98.5 ~ 101.0% of $C_{19}H_{19}NOS \cdot C_4H_4O_4$	99.29%

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