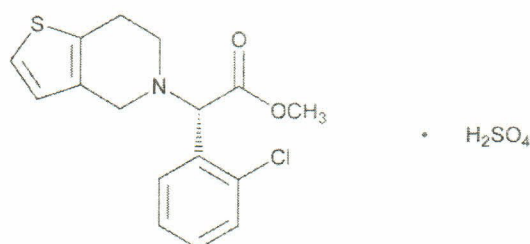


Batch no C51-20260301
 Mf date Feb 02 2026
 Expiry Feb 01 2028

Molecular Structure



Molecular Formula $C_{16}H_{16}ClNO_2S \cdot H_2O_4S$
 Molecular Weight 419.9
 CAS Registry Number 120202-66-6

Mar 02 2026

Tests	Specifications	Results
Appearance	Off-white powder	Off-white powder
Identification	IR, HPLC, sulfate test	Positive
Loss on drying	≤ 0.5%	0.11%
Residue on ignition	≤ 0.1%	0.03%
Related substances	Impurity A	≤ 0.2%
	Impurity B	≤ 0.3%
	Impurity C	≤ 0.5%
	Any other impurity	≤ 0.1%
	Total impurities	≤ 0.5%
	Residual solvents	Methanol
	Acetone	≤ 0.5%
	Methylene chloride	≤ 0.06%
	Isopropanol	≤ 0.5%
	Ethyl acetate	≤ 0.5%
	Toluene	≤ 0.089%
Assay (odb)	97.0 ~ 101.5% of $C_{16}H_{16}ClNO_2S \cdot H_2O_4S$	99.6%

Packaging & storage	Preserve in well-closed containers and store at controlled room temperature
Conclusion	Material complies with USP40