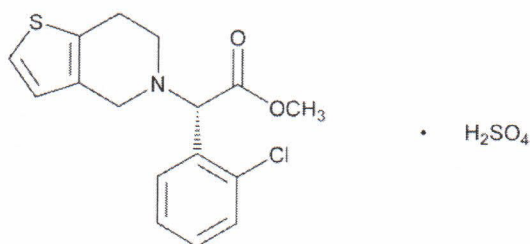


Batch no C51-202407005
Mf date Jul 21 2024
Expiry Jul 20 2026

Molecular Structure



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

Jul 30 2024

Tests	Specifications	Results
Appearance	Off-white powder	Off-white powder
Identification	IR, HPLC, sulfate test	Positive
Loss on drying	≤ 0.5%	0.1%
Residue on ignition	≤ 0.1%	0.04%
Related substances	Impurity A	0.004%
	Impurity B	0.02%
	Impurity C	0.005%
	Any other impurity	0.05%
	Total impurities	0.22%
	Residual solvents	Methanol
	Acetone	0.1035%
	Methylene chloride	0.0004%
	Isopropanol	0.0267%
	Ethyl acetate	ND
	Toluene	0.00003%
Assay (odb)	97.0 ~ 101.5% of $C_{16}H_{16}ClNO_2S \cdot H_2O_4S$	99.7%

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