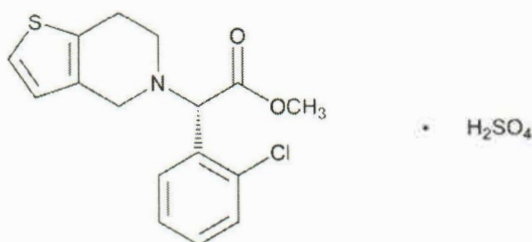


Batch no C51-20260709
Mf date Jul 09 2026
Expiry Jul 08 2028

Molecular Structure



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

Jul 29 2026

Tests	Specifications	Results
Appearance	Off-white powder	Off-white powder
Identification	IR, HPLC, sulfate test	Positive
Loss on drying	$\leq 0.5\%$	0.1%
Residue on ignition	$\leq 0.1\%$	0.02%
Related substances	Impurity A	$\leq 0.2\%$ 0.01%
	Impurity B	$\leq 0.3\%$ 0.03%
	Impurity C	$\leq 0.5\%$ 0.01%
	Any other impurity	$\leq 0.1\%$ 0.06%
	Total impurities	$\leq 0.5\%$ 0.28%
	Methanol	$\leq 0.3\%$ 0.0064%
	Acetone	$\leq 0.5\%$ 0.1334%
Residual solvents	Methylene chloride	$\leq 0.06\%$ 0.0008%
	Isopropanol	$\leq 0.5\%$ 0.0208%
	Ethyl acetate	$\leq 0.5\%$ ND
	Toluene	$\leq 0.089\%$ ND
	Assay (odb)	97.0 ~ 101.5% of $C_{16}H_{16}ClNO_2S \cdot H_2O_4S$ 99.5%

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