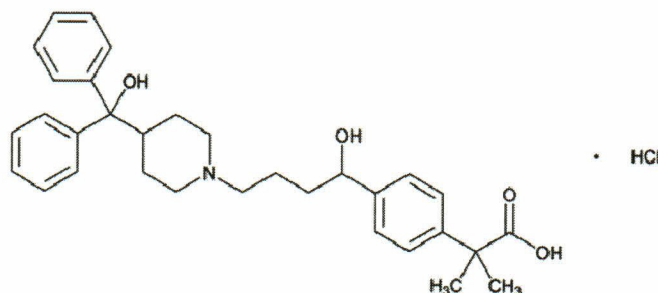


Batch no 202512002
Mf date Dec 05 2025
Expiry Dec 04 2027

Molecular Structure



Molecular Formula $C_{32}H_{39}NO_4 \cdot HCl$
Molecular Weight 538.12
CAS Registry Number 138452-21-8

Dec 25 2025

Tests	Specifications	Results
Appearance	White to off-white powder or crystalline powder; bitter taste, odorless	White powder
Identification	HPLC, IR, reaction of chloride	Positive
Residue on ignition	$\leq 0.1\%$	0.06%
Heavy metals	$\leq 0.002\%$	Conforms
Impurity B	$\leq 0.2\%$	ND
Water	$\leq 2.0\%$	0.21%
Related substance	Impurity A $\leq 0.2\%$	0.03%
	Decarboxylated degradant $\leq 0.15\%$	ND
	Single impurity $\leq 0.1\%$	0.03%
	Total impurities $\leq 0.5\%$	0.03%
	6.45 ~ 6.75%	6.68%
Content of chloride	6.45 ~ 6.75%	6.68%
Residual solvents	Ethanol $\leq 0.5\%$	0.04%
	Ethyl acetate $\leq 0.5\%$	0.08%
Assay (oab)	98.0 ~ 102.0% of $C_{32}H_{39}NO_4 \cdot HCl$	99.6%

Packaging and storage	Preserve in well-closed, light-resistant containers, and store at controlled room temperature
Conclusion	Material complies with USP44