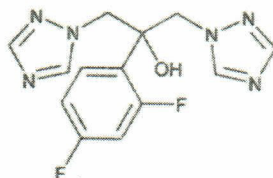


Batch no 251202-68
Mf date Dec 04 2025
Retest Dec 03 2027

Molecular Structure



Molecular Formula $C_{13}H_{12}F_2N_6O$
Molecular Weight 306.27
CAS Registry Number 86386-73-4

Feb 26 2026

Tests	Specifications	Results
Appearance	White or off white crystalline powder	Confirms
Solubility	Easily soluble in methanol, soluble in alcohol and acetone, slightly soluble in isopropanol, chloroform and water.	Conforms
Identification	IR, HPLC	Positive
Loss on drying	$\leq 0.5\%$	0.22%
Residue on ignition	$\leq 0.1\%$	0.05%
Chlorides	$\leq 0.3\%$	$< 0.3\%$
Heavy metals	≤ 20 ppm	< 20 ppm
Iron	$\leq 0.002\%$	$< 0.002\%$
Related substances	HPLC (RRT0.6)	$\leq 1.0\%$ 0.15%
	Impurity A	$\leq 0.2\%$ 0.01%
	Impurity B	$\leq 0.1\%$ 0.01%
	Impurity C	$\leq 0.2\%$ ND
	Any other unknown impurity	$\leq 0.1\%$ 0.05%
	Total unknown impurities	$\leq 0.3\%$ 0.13%
	Total impurities	$\leq 1.0\%$ 0.33%
Assay (odb)	98.0 ~ 102.0% of $C_{13}H_{12}F_2N_6O$	99.5%

Packaging and storage	Preserve in tight containers, and store in a dry place
Conclusion	Material complies with USP43