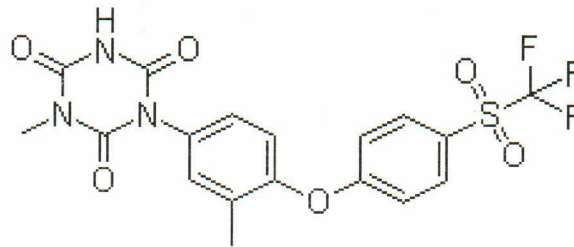


Batch no 251002
Mf date Oct 09 2025
Retest Sep 2027

Molecular Structure



Molecular Formula $C_{18}H_{14}F_3N_3O_6S$
Molecular Weight 457.38
CAS Registry Number 69004-04-2

Oct 24 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or almost white crystalline powder	White crystalline powder
Identification	IR, RRT	Positive
Melting point	242 ~ 246°C	245.0 ~ 245.3°C
Appearance of solution	Clear & colorless	Conforms
Related substances	Individual impurity $\leq 0.5\%$ Total impurities $\leq 1.0\%$	0.2% 0.58%
Loss on drying	$\leq 0.5\%$	0.23%
Residue on ignition	$\leq 0.1\%$	0.05%
Heavy metals	≤ 10 ppm	< 10 ppm
Assay (odb)	98.0 ~ 102.0% of $C_{18}H_{14}F_3N_3O_6S$	99.6%

Packaging & storage	Keep container tightly closed in a dry & ventilated place
Conclusion	Material complies with in-house standard