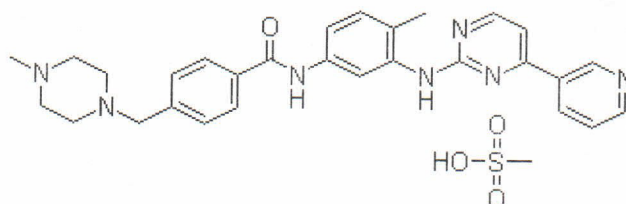


Batch no C001025051201
Mf date May 12 2025
Retest May 11 2027

Molecular Structure



Molecular Formula $C_{29}H_{31}N_7O \cdot CH_4O_3S$
Molecular Weight 589.71
CAS Registry Number 220127-57-1
Form Alpha

Jul 08 2025

Tests	Specifications	Results
Appearance	White or almost white, slightly brownish or yellowish powder; yellow or pale yellow	Almost white powder
Identification	IR	Positive
Solubility	Freely soluble in water, slightly soluble in ethanol (96%), practically insoluble in methylene chloride	Conforms
Water	$\leq 3.0\%$	0.48%
Sulfated ash	$\leq 0.1\%$	0.04%
Related substances	Impurity A	$\leq 0.15\%$ ND
	Impurity B	$\leq 0.15\%$ ND
	Impurity C	$\leq 0.3\%$ ND
	Impurity D	$\leq 0.2\%$ ND
	Impurity F	≤ 20 ppm 4 ppm
	Impurity H	$\leq 0.02\%$ ND
	Unspecified impurities	$\leq 0.1\%$ 0.01%
Assay (HPLC)	Total impurities	$\leq 0.8\%$ 0.05%
	98.0% ~ 102.0%	100.0%

Packaging and storage	Protected from light
Conclusion	Material complies with EP11.0