

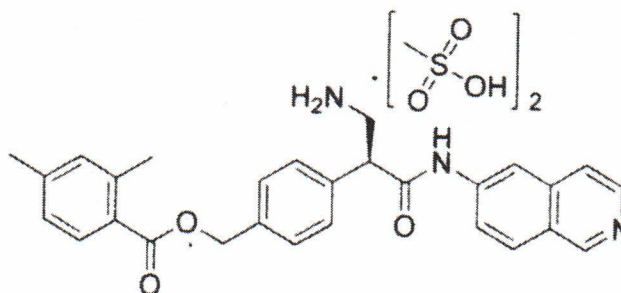


Batch no MS104901-240601

Mf date Oct 08 2024

Retest date Oct 07 2026

Molecular Structure



Molecular Formula  $C_{28}H_{27}N_3O_3 \cdot 2CH_4O_3S$

Molecular Weight 645.75

CAS Registry Number 1422144-42-0

Nov 08 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to off white hygroscopic crystalline powder	Off white hygroscopic crystalline powder
Solubility	Freely soluble in water, soluble in methanol, sparingly soluble in dimethylformamide, & practically insoluble in dichloromethane & heptane	Conforms
Identification	IR, HPLC	Positive
Water content	≤ 2.0%	1.6%
Residue on ignition	≤ 0.1%	0.07%
Heavy metals	≤ 10 ppm	Conforms
Related substances	Impurity A ≤ 0.2%	ND
	Individual unspecified impurity ≤ 0.1%	0.02%
	Total impurities ≤ 0.5%	0.04%
Enantiomer	≤ 0.1%	ND
Residual solvents	Ethanol ≤ 0.5%	ND
	N-Hexane ≤ 0.029%	ND
	Ethyl acetate ≤ 0.5%	ND
	N,N-Dimethylformamide ≤ 0.088%	ND
	Tetrahydrofuran ≤ 0.072%	ND
	Isopropanol ≤ 0.5%	0.4%
Assay (oab)	98.0 ~ 102.0%	99.8%

Packaging & storage	Stored at room temperature with tight seal
Conclusion	Material complies with in house standard