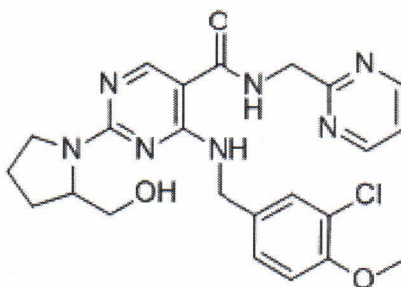


Batch no A-20231019
Mf date Oct 19 2023
Retest Oct 18 2025

Molecular Structure



Molecular Formula $C_{23}H_{26}ClN_7O_3$
Molecular Weight 483.95
CAS Registry Number 330784-47-9

Feb 27 2024

Tests	Specifications	Results
Appearance	White or almost white crystalline powder	Almost white crystalline powder
Solubility	Very soluble in dichloromethane, sparingly soluble in ethanol, insoluble in water & diethyl ether	Conforms
Identification	HPLC	Positive
Melting point	160 ~ 164°C	162.9 ~ 163.3°C
Sulphated ash	≤ 0.1%	Conforms
Heavy metals	≤ 10 ppm	< 10 ppm
Loss on drying	≤ 0.5%	0.12%
Isomer	≤ 0.5%	0.1%
Single impurity	≤ 0.5%	0.19%
Total impurities	≤ 1.0%	0.91%
Assay (HPLC)	≥ 99.0%	99.15%

Packaging & storage	Preserve in tight, light resistant containers
Conclusion	Material complies with in-house standard