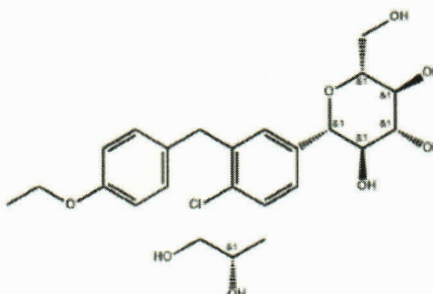




Batch no 260709-12
Mf date Jul 11 2026
Retest Jul 10 2029

Molecular Structure



Molecular Formula $C_{24}H_{33}ClO_8$
Molecular Weight 494.97
CAS Registry Number 960404-48-2

Sep 04 2026

Tests	Specifications	Results
Appearance	White or off-white crystalline powder	Conforms
Identification	UV, HPLC	Positive
Melting point	72.0 ~ 80.0°C	74.6 ~ 76.3°C
Specific rotation	+13.0 ~ +17.0°	+15.1°
Related substances	Main peak purity $\geq 99.0\%$	99.5%
	Isomer $\leq 0.1\%$	0.03%
	Single impurity $\leq 0.1\%$	0.08%
	Total impurities $\leq 1.0\%$	0.2%
	Percentage of propanediol 13.6 ~ 16.6%	14.4%
Chiral purity	$\leq 0.15\%$	0.01%
Water	3.0 ~ 4.4%	3.72%
Residue on ignition	$\leq 0.1\%$	0.06%
Heavy metals	≤ 20 ppm	< 20 ppm
Residual solvent	Methanol $\leq 0.2\%$	ND
	Ethanol $\leq 0.5\%$	ND
	Acetonitrile $\leq 0.041\%$	ND
	Dichloromethane $\leq 0.06\%$	ND
	Ethyl acetate $\leq 0.5\%$	0.03%
	N-Hexane $\leq 0.029\%$	0.009%
	Tetrahydrofuran $\leq 0.072\%$	ND
	Toluene $\leq 0.089\%$	ND
Assay (HPLC)	98.0 ~ 102.0%	99.5%

Packaging & storage	Store in cool & dry place. Keep away from strong light and heat
Conclusion	Material complies with in house standard

