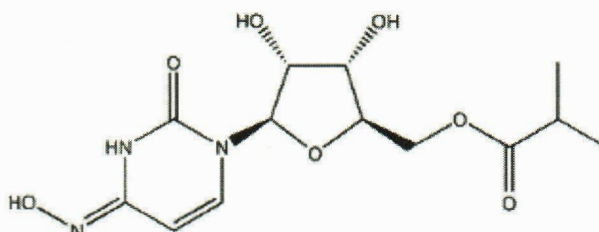




Molnupiravir

Batch no 20260823
Mf date Aug 23 2026
Expiry Aug 22 2028

Molecular Structure



Molecular Formula $C_{13}H_{19}N_3O_7$

Molecular Weight 329.31

CAS Registry Number 2349386-89-4
2492423-29-5

Sep 21 2026

Tests	Specifications	Results
Appearance	White to off-white powder	White powder
Solubility	Sparingly soluble in water	Conforms
Identification	IR, HPLC	Positive
Water	$\leq 1.0\%$	0.06%
Residue on ignition	$\leq 0.1\%$	0.03%
Residual solvents	Ethanol $\leq 0.5\%$	ND
	Acetonitrile $\leq 0.041\%$	ND
	Acetone $\leq 0.5\%$	ND
	Isopropanol $\leq 0.5\%$	ND
	Ethyl acetate $\leq 0.5\%$	ND
Related substances	Impurity I $\leq 0.2\%$	ND
	Max single impurity $\leq 0.3\%$	0.01%
	Total impurities $\leq 0.5\%$	0.02%
Assay (odb)	98.0 ~ 102.5%	99.7%

Packaging & storage	Preserve in well-closed containers and store at controlled room temperature
Conclusion	Material complies with in house standard