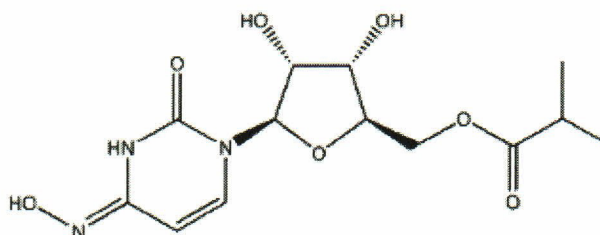


Molnupiravir

Batch no 20260428
Mf date Apr 28 2026
Expiry Apr 27 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

Jun 15 2026

Tests	Specifications	Results
Appearance	White to off-white powder	White powder
Solubility	Sparingly soluble in water	Conforms
Identification	IR, HPLC	Positive
Water	$\leq 1.0\%$	0.07%
Residue on ignition	$\leq 0.1\%$	0.032%
Residual solvents	Ethanol	$\leq 0.5\%$
	Acetonitrile	$\leq 0.041\%$
	Acetone	$\leq 0.5\%$
	Isopropanol	$\leq 0.5\%$
	Ethyl acetate	$\leq 0.5\%$
	Impurity I	$\leq 0.2\%$
Related substances	Max single impurity	$\leq 0.3\%$
	Total impurities	$\leq 0.5\%$
		0.012%
Assay (odb)		0.021%
		99.7%

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