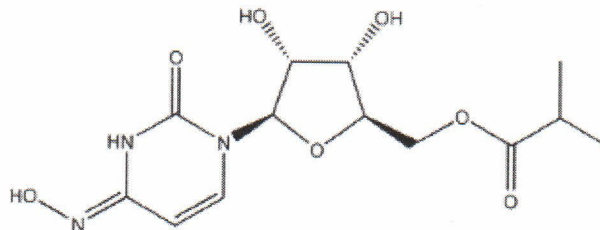




Molnupiravir

Batch no 2024015683
Mf date Aug 09 2024
Expiry Aug 2026

Molecular Structure



Molecular Formula $C_{13}H_{19}N_3O_7$
Molecular Weight 329.31
CAS Registry Number 2349386-89-4
2492423-29-5

Oct 10 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to off-white powder	White powder
Solubility	Sparingly soluble in water	Conforms
Identification	IR, HPLC	Positive
Water	$\leq 1.0\%$	0.16%
Residue on ignition	$\leq 0.1\%$	0.03%
Residual solvents	Ethanol $\leq 0.5\%$ Acetonitrile $\leq 0.041\%$ Acetone $\leq 0.5\%$ Isopropanol $\leq 0.5\%$ Ethyl acetate $\leq 0.5\%$	ND ND ND ND ND
Related substances	Impurity I $\leq 0.2\%$ Max single impurity $\leq 0.3\%$ Total impurities $\leq 0.5\%$	0.05% 0.01% 0.09%
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