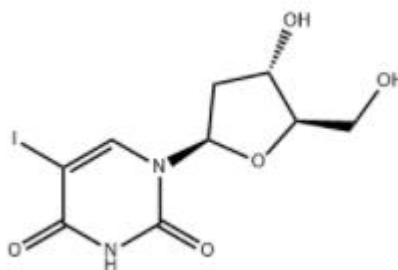


Molecular Structure



Molecular Formula $C_9H_{11}IN_2O_5$
Molecular Weight 354.1
CAS Registry Number 54-42-2

Jul 03 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or off white, powder or crystal	Conforms
Solution clarity test	Clear	Clear
Identification	IR, HPLC, UV	Positive
Optical rotation	$+28^{\circ} \sim +32^{\circ}$	$+28.9^{\circ}$
Loss on drying	$\leq 1.0\%$	0.2%
pH	5.5 ~ 6.5	Conforms
Residue on ignition	$\leq 0.1\%$	Conforms
Purity by HPLC	$\geq 99.0\%$	99.2%
Assay by UV	$\geq 98.5\%$	Conforms

Packaging & storage	Preserve in tight containers
Conclusion	Material complies with USP41