CERTIFICATE OF ANALYSIS

(Certificate No. KMD152050-01)

Release Date: 26/10/2026 **Re-test Date:** 25/10/2029

Dolutegravir Sodium

Identification

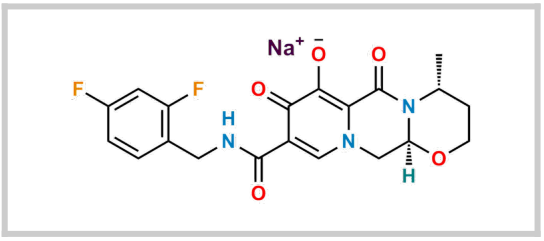
Chemical Name :
Sodium (4R,12aS)-9-((2,4-difluorobenzyl)carbamoyl)-4-methyl-6,8-dioxo-3,4,6,8,12,12a-hexahydro-2H-pyrido[1',2':4,5]pyrazino[2,1-b][1,3]oxazin-7-olate

CAT No. : KMD152050

CAS No. : 1051375-19-9

Molecular Formula : C20H18F2N3O5 : Na

Molecular Weight : 418.4 : 23.0



Analytical Information

Batch No.	: D152050-136-310	**Solubility**	: ACN : Water (1:1)
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.96 %	**IR**	: Confirm
Weight Loss By TGA	: 0.67 %	**1H NMR**	: Confirm
% Potency	: 99.29 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.67(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 99.29 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/10/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA