

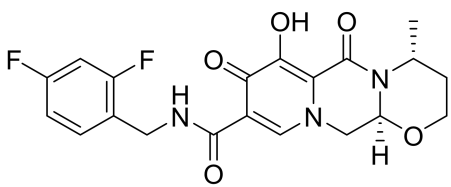


HAIHANG INDUSTRY CO., LTD.

7/F, SANQING FENGRUN BUILDING, NO. 100 SOUTH GONGYE ROAD,
JINAN CITY, SHANDONG PROVINCE, CHINA. P.C.: 250100

EMAIL:sale32@haihangchem.com WEBSITE:www.haihangchem.com

CERTIFICATE OF ANALYSIS

Product Name	Dolutegravir		
Chemical Name	(4R,12aS)-N-(2,4-difluorobenzyl)-7-hydroxy-4-methyl-6,8-dioxo-3,4,6,8,12,12a-hexahydro-2H-pyrido[1',2':4,5]pyrazino[2,1-b][1,3]oxazine-9-carboxamide		
CAS Number	1051375-16-6		
Structural Formula			
Molecular Formula	C ₂₀ H ₁₉ F ₂ N ₃ O ₅	Retest Date	2018.06.22
Molecular Weight	419.38	Manu. Date	2017.06.22
Quantity	2.0 Kg	Batch No.	20170622

Test Items	Standards	Test Results
Appearance	White or off-white powder	Off-White powder
Purity (HPLC/254nm)	≥99.0%	99.6%
Other single impurity	≤0.3%	0.16%
Total impurities	≤0.5%	0.40%
Chiral Purity	≥99.0%	99.7%
Water (K-F)	≤0.5%	0.20%
Conclusion	The Product Conforms With Standards	

Analyst:Liya

Checker: Weichen

