CERTIFICATE OF ANALYSIS

(Certificate No. KMG009001-01)

Release Date: 28/06/2024 **Re-test Date:** 27/06/2027

Dibenzoyl Lactam

Identification

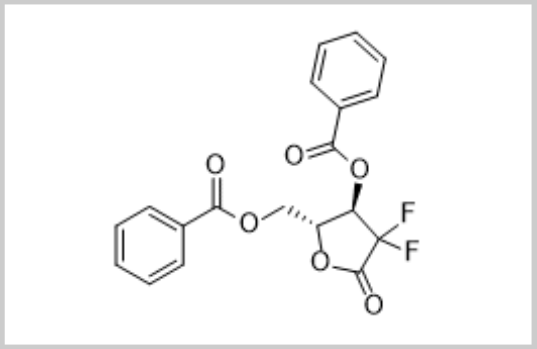
Chemical Name :
((2R,3R)-3-(benzoyloxy)-4,4-difluoro-5-oxotetrahydrofuran-2-yl)methyl benzoate

CAT No. : KMG009001

CAS No. : 122111-01-7

Molecular Formula : C19H14F2O6

Molecular Weight : 376.31



Analytical Information

Batch No. : GEM-IMP-11-073-272

Description : Off White Solid

HPLC Purity : 99.99 %

Weight Loss By TGA : 0.22 %

% Potency : 99.77 %

Solubility : ACN : Water (1:1)

Mass : Confirm as water adduct

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at -20 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at 2-8 deg. C

% Potency = [100 - 0.22(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.77 %
-In HPLC inject freshly prepared solution

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/06/2024

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