CERTIFICATE OF ANALYSIS

(Certificate No. KMT115004-01)

Release Date: 28/10/2024 **Re-test Date:** 27/10/2027

N-Nitroso Tigecycline

Identification

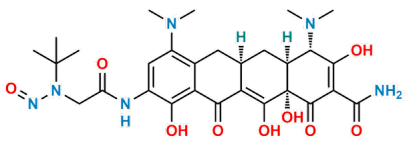
Chemical Name :
(4S,4aS,5aR,12aS)-9-(2-(tert-butyl(nitroso)amino)acetamido)-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

CAT No. : KMT115004

CAS No. : Not Available

Molecular Formula : C29H38N6O9

Molecular Weight : 614.7



Analytical Information

Batch No. : T115004-091-011

Description : Light Yellow Solid

HPLC Purity : 97.84 %

Weight Loss By TGA : 1.29 %

% Potency : 96.58 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H 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 - 1.29(Weight Loss By TGA)] x [97.84(HPLC Purity)]/100 = 96.58 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2024
Reviewed & Approved By	Quality Control	Parag Patel		29/10/2024

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