

CERTIFICATE OF ANALYSIS

(Certificate No. KMD021002-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

Dantrolene Related Compound A

Identification

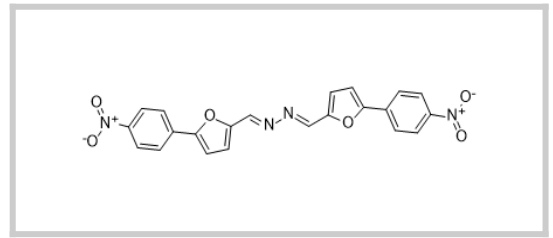
Chemical Name :
1,2-bis((5-(4-nitrophenyl)furan-2-yl)methylene)hydrazine

CAT No. : KMD021002

CAS No. : 301359-05-7

Molecular Formula : C₂₂H₁₄N₄O₆

Molecular Weight : 430.37



Analytical Information

Batch No. : DAN-RCA-073-291

Description : Orange Solid

HPLC Purity : 99.55 %

Weight Loss By TGA : 3.25 %

% Potency : 96.31 %

Solubility : DMF

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 - 3.25(Weight Loss By TGA)] x [99.55(HPLC Purity)]/100 = 96.31 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/08/2024

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