

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD021002-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

## Dantrolene Related Compound A

### Identification

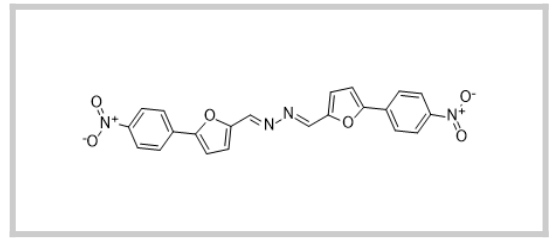
**Chemical Name :**  
1,2-bis((5-(4-nitrophenyl)furan-2-yl)methylene)hydrazine

**CAT No. :** KMD021002

**CAS No. :** 301359-05-7

**Molecular Formula :** C<sub>22</sub>H<sub>14</sub>N<sub>4</sub>O<sub>6</sub>

**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

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA