

# CERTIFICATE OF ANALYSIS

(Certificate No. KML006105-01)

Release Date: 25/11/2023

Re-test Date: 24/11/2026

## 3-(4-Nitrosopiperazin-1-yl)benzo[d]isothiazole

### Identification

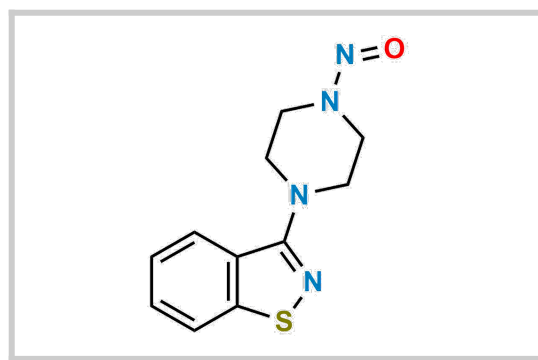
**Chemical Name :**  
3-(4-Nitrosopiperazin-1-yl)benzo[d]isothiazole

**CAT No.** : KML006105

**CAS No.** : Not Available

**Molecular Formula** : C<sub>11</sub>H<sub>12</sub>N<sub>4</sub>OS

**Molecular Weight** : 248.3



### Analytical Information

**Batch No.** : LUR-KSM-N-NO-045-029

**Description** : Light Brown Solid

**HPLC Purity** : 99.89 %

**Weight Loss By TGA** : 0.30 %

**% Potency** : 99.59 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.30(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 99.59 %

Remarks : COA Re-generated on 09.01.2025

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		09/01/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		09/01/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR IR and TGA