

# 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 :**

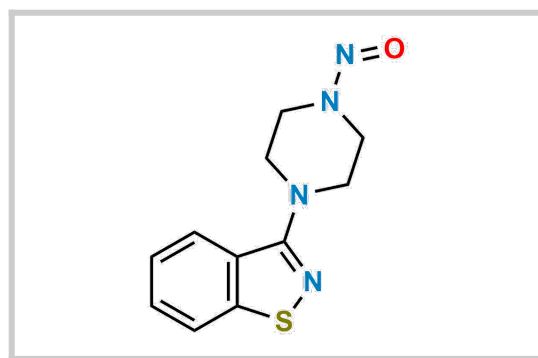
3-(4-Nitrosopiperazin-1-yl)benzo[d]isothiazole

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
Prepared By	Analytical	Jignesh Patel		09/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/01/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR IR and TGA