

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML006105-02)

**Release Date:** 07/11/2025

**Re-test Date:** 06/11/2028

## **NITROSO PBT**

### **Identification**

**Chemical Name :**

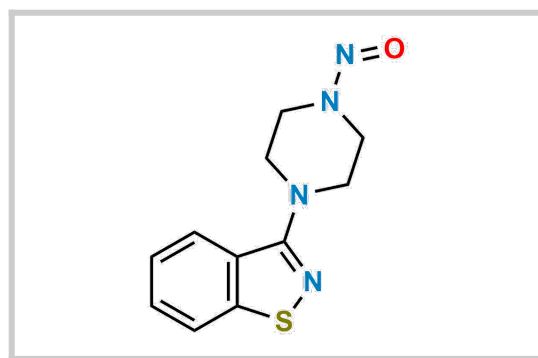
3-(4-Nitrosopiperazin-1-yl)benzo[d]isothiazole

**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.** : L006105-102-365

**Description** : Light Yellow Solid

**HPLC Purity** : 99.73 %

**Weight Loss By TGA** : 0.07 %

**% Potency** : 99.66 %

**Solubility** : Acetonitrile

**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 - 0.07(Weight Loss By TGA)] x [99.73(HPLC Purity)]/100 = 99.66 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/11/2025

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