

# CERTIFICATE OF ANALYSIS

(Certificate No. KMR004001-01)

Release Date: 20/01/2024

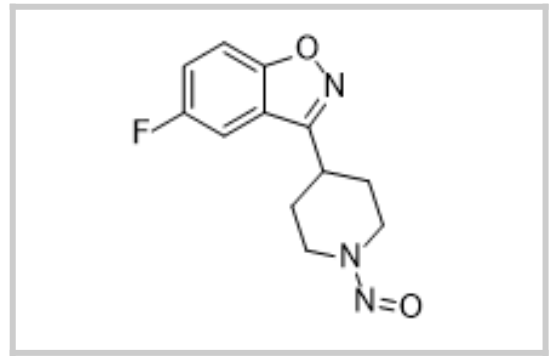
Re-test Date: 19/01/2027

## Nitroso Fluoro PBI

### Identification

**Chemical Name :**  
5-fluoro-3-(1-nitrosopiperidin-4-yl)benzo[d]isoxazole

**CAT No.** : KMR004001  
**CAS No.** : Not Available  
**Molecular Formula** : C<sub>12</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 249.24



### Analytical Information

<b>Batch No.</b>	: RIS-N-NO-1-030-318	<b>Solubility</b>	: ACN
<b>Description</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 99.80 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.16 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>% Potency</b>	: 99.64 %		

### 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 - 0.16(Weight Loss By TGA)] x [99.80(HPLC Purity)]/100 = 99.64 %

Remarks : COA Re-generated on 24.04.2024

-Re-tested on 20.01.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		24/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		24/04/2024

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