

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMF007004-01)

**Release Date:** 03/04/2025

**Re-test Date:** 02/04/2028

## **N-Nitroso Flupirtine**

### **Identification**

**Chemical Name :**

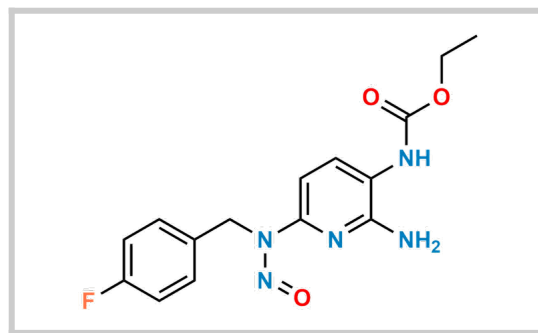
Ethyl (2-amino-6-((4-fluorobenzyl)(nitroso)amino)pyridin-3-yl)carbamate

**CAT No.** : KMF007004

**CAS No.** : Not Available

**Molecular Formula** : C<sub>15</sub>H<sub>16</sub>FN<sub>5</sub>O<sub>3</sub>

**Molecular Weight** : 333.3



### **Analytical Information**

**Batch No.** : F007004-091-310

**Description** : Brown Solid

**HPLC Purity** : 98.27 %

**Weight Loss By TGA** : 0.17 %

**% Potency** : 98.1 %

**Solubility** : \*Refer in Additional information

**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 - 0.17(Weight Loss By TGA)] x [98.27(HPLC Purity)]/100 = 98.1 %

\*Solubility: Insoluble in Water and Freely Soluble in 5mg/1.5 ml methanol

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/04/2025

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