

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI010001-01)

Release Date: 05/06/2024

Re-test Date: 04/06/2027

## Oxime Impurity of Fluoro PBI

### Identification

**Chemical Name :**

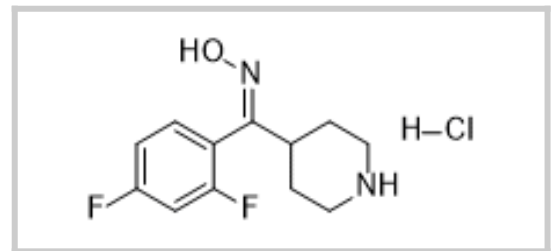
(Z)-(2,4-difluorophenyl)(piperidin-4-yl)methanone oxime hydrochloride

CAT No. : KMI010001

CAS No. : 135634-18-3

Molecular Formula : C<sub>12</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub>O : HCl

Molecular Weight : 240.25 : 36.5



### Analytical Information

Batch No. : ILO-IMP-21-073-246

Description : White Solid

HPLC Purity : 99.65 %

Weight Loss By TGA : 0.02 %

% Potency : 99.63 %

Solubility : ACN

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 - 0.02(Weight Loss By TGA)] x [99.65(HPLC Purity)]/100 = 99.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/06/2024

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