

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP012024-01)

Release Date: 13/12/2024

Re-test Date: 12/12/2027

## PAN DIHYDRO PYRIDINE OXO-ACID IMPURITY

### Identification

**Chemical Name :**

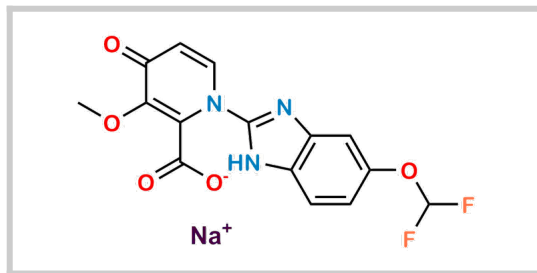
Sodium 1-(5-(difluoromethoxy)-1H-benzo[d]imidazol-2-yl)-3-methoxy-4-oxo-1,4-dihydropyridine-2-carboxylate

CAT No. : KMP012024

CAS No. : Not Available

Molecular Formula : C<sub>15</sub>H<sub>10</sub>F<sub>2</sub>N<sub>3</sub>O<sub>5</sub> : Na

Molecular Weight : 350.3 : 23.0



### Analytical Information

Batch No. : P012024-091-062

Description : Light Brown Solid

HPLC Purity : 99.23 %

Weight Loss By TGA : 3.36 %

% Potency : 95.9 %

Solubility : Water

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 - 3.36(Weight Loss By TGA)] x [99.23(HPLC Purity)]/100 = 95.9 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/12/2024

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