

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD009062-02)

Release Date: 28/07/2025

Re-test Date: 27/07/2028

## N-Nitroso Diclofenac

### Identification

**Chemical Name :**

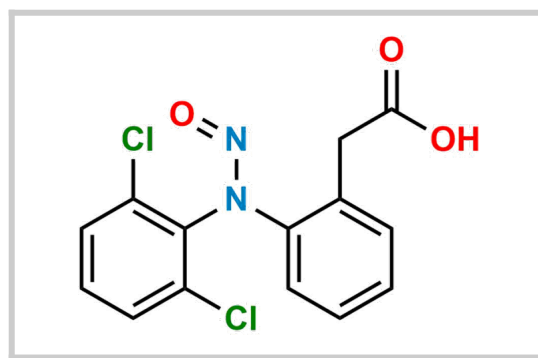
2-((2,6-Dichlorophenyl)(nitroso)amino)phenyl)acetic acid

CAT No. : KMD009062

CAS No. : 66505-80-4

Molecular Formula : C<sub>14</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 325.1



### Analytical Information

Batch No. : DIC-N-NO-030-189

Description : Off White Solid

HPLC Purity : 94.43 %

Weight Loss By TGA : 0.39 %

% Potency : 94.06 %

Solubility : Acetonitrile

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 - 0.39(Weight Loss By TGA)] x [94.43(HPLC Purity)]/100 = 94.06 %  
-Re-tested on 28.07.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/08/2025

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