

# CERTIFICATE OF ANALYSIS

(Certificate No. KMQ001006-01)

Release Date: 27/02/2024

Re-test Date: 26/02/2027

## 2-(2-(4-NITROPIPERAZIN-1-YL)ETHOXY)ETHAN-1-OL

### Identification

**Chemical Name :**

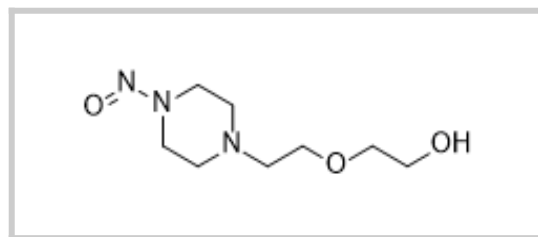
2-(2-(4-nitropiperazin-1-yl)ethoxy)ethan-1-ol

CAT No. : KMQ001006

CAS No. : 73486-81-4

Molecular Formula : C<sub>8</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight : 203.24



### Analytical Information

Batch No. : QUE-HEEP-N-NO-019-140

Solubility : Methanol

Description : Dark Yellow Liquid

Mass : Confirm

HPLC Purity : 99.47 %

IR : Confirm

Weight Loss By TGA : 0.86 %

<sup>1</sup>H NMR : Confirm

% Potency : 98.61 %

<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 - 0.86(Weight Loss By TGA)] x [99.47(HPLC Purity)]/100 = 98.61 %

-Re-tested on 27.02.2024

-<sup>13</sup>CNMR added on 29.08.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		31/08/2024

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