

# 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

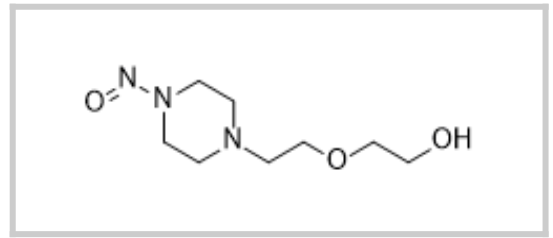
**Chemical Name :**  
2-(2-(4-nitropiperazin-1-yl)ethoxy)ethan-1-ol

**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

<b>Batch No.</b>	: QUE-HEEP-N-NO-019-140	<b>Solubility</b>	: Methanol
<b>Description</b>	: Dark Yellow Liquid	<b>Mass</b>	: Confirm
<b>HPLC Purity</b>	: 99.47 %	<b>IR</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.86 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>% Potency</b>	: 98.61 %	<b><sup>13</sup>C NMR</b>	: 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
<b>Prepared By</b>	Analytical	Jignesh Patel		31/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		31/08/2024

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