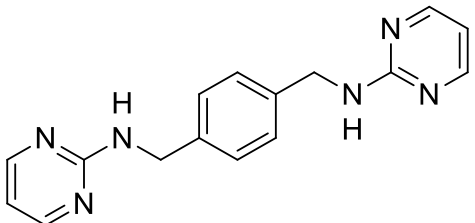




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 201961 | MSX-122 | ZY21203 |

| | |
|---|---|
| Chemical name | |
| N,N'-(1,4-phenylenebis(methylene))bis(pyrimidin-2-amine) | |
| Synonyms | |
| MSX122; MSX 122; MSX-122. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 201961 Name: MSX-122 CAS#: 897657-95-3 Lot#: ZY21203 Chemical Formula: C ₁₆ H ₁₆ N ₆ Exact Mass: 292.14364 Molecular Weight: 292.34 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | White to off-white solid powder |
| Structure | ¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| Purity (HPLC) | >98.0% |
| Solubility | Slightly soluble in DMSO |
| Conclusion | This product conforms with MedKoo's quality standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs. |
| Storage condition | Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition |
| Shelf life | At least 5 years if properly stored. |

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE