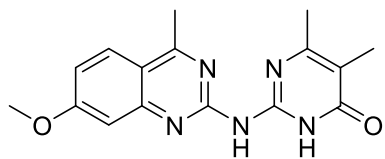


Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 326823 | Madrasin | A8T05K28 |

| | |
|---|---|
| Chemical name | |
| 2-((7-Methoxy-4-methylquinazolin-2-yl)amino)-5,6-dimethylpyrimidin-4(3H)-one | |
| Synonyms | |
| DDD00107587; Madrasin. RNA splicing inhibitor | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 326823 Name: Madrasin CAS#: 374913-63-0 Lot#: A8T05K28 Chemical Formula: C ₁₆ H ₁₇ N ₅ O ₂ Exact Mass: 311.1382 Molecular Weight: 311.35 |

| 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) | >99.0% |
| Solubility | 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