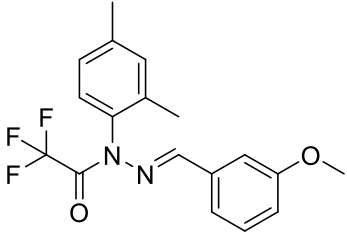




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 522384 | J147 | CRB50914 |

| | |
|---|--|
| Chemical name | |
| 2,2,2-Trifluoroacetic acid 1-(2,4-Dimethylphenyl)-2-[(3-methoxyphenyl)methylene]hydrazide | |
| Synonyms | |
| J147; J 147; J-147. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 522384 Name: J147 CAS#: 1146963-51-0 Lot#: CRB50914 Chemical Formula: C ₁₈ H ₁₇ F ₃ N ₂ O ₂ Exact Mass: 350.12421 Molecular Weight: 350.34 |

| 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 | 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 |
| Self life | At least 5 years if properly stored. |

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