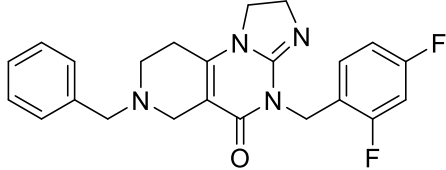




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 206932 | IUN78876 | S9S11C18 |

| | |
|---|---|
| Chemical name | |
| 7-benzyl-4-(2,4-difluorobenzyl)-2,4,6,7,8,9-hexahydroimidazo[1,2-a]pyrido[3,4-e]pyrimidin-5(1H)-one | |
| Synonyms | |
| IUN78876; IUN-78876; IUN 78876; | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 206932 Name: IUN78876 CAS#: 1638178-87-6 Lot#: S9S11C18 Chemical Formula: C ₂₃ H ₂₂ F ₂ N ₄ O Exact Mass: 408.176 Molecular Weight: 408.45 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | Light yellow 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