

Rexar Technical Compound Datasheet

Product Name: Unifiram
Chemical Name: Unifiram
CAS Number: 272786-64-8
PubChem CID: 9861054

Synonyms:

- Unifiram
- DM-232

Chemical Information

- Molecular Formula: C₁₃H₁₅FN₂O₃S
- Molecular Weight: 298.33 g/mol
- IUPAC Name: 4-(benzylsulfonyl)-N,N-dimethyl-2,5-dioxo-1-imidazolidineacetamide
- SMILES: CN(C)C(=O)CN1C(=O)N(CC1=O)S(=O)(=O)CC2=CC=CC=C2F
- InChIKey: ZNFKMZAFWZVYDB-UHFFFAOYSA-N
- Appearance: White to off-white crystalline powder
- Solubility: Soluble in common organic laboratory solvents

Applications

- Analytical reference compound for heterocyclic imidazolidinone derivatives
- Method development and compound identification in analytical chemistry
- Material characterization and structural comparison in laboratory research environments

Storage & Handling

- Storage Temperature: 15–25 °C
- Environment: Store in a dry, cool environment protected from light
- Handling: Follow standard laboratory safety procedures
- Packaging: Supplied in sealed laboratory containers suitable for research materials

Additional Notes

- Provided without functional or biological claims
- Intended exclusively for analytical, chemical and technical applications
- For structural and reference data see: <https://pubchem.ncbi.nlm.nih.gov/compound/9861054>