

Rexar Technical Compound Datasheet

Product Name:

4-Fluorophenibut hydrochloride

Chemical Name:

4-Fluorophenibut hydrochloride

CAS Number:

52237-19-1

PubChem CID:

103611

Synonyms:

- 4F-Phenibut
 - 4-Fluorophenibut
 - Fluorophenibut hydrochloride
-

Chemical Information

Molecular Formula

C₁₀H₁₃ClFNO₂

Molecular Weight

233.67 g/mol

IUPAC Name

4-amino-3-(4-fluorophenyl)butanoic acid hydrochloride

SMILES

C1=CC(=CC=C1CCC(CN)C(=O)O)F.Cl

InChIKey

KXQKJXGQEVRRQM-UHFFFAOYSA-N

Appearance

White to off-white powder

Solubility

Soluble in water and ethanol

Applications

- Analytical reference material for laboratory workflows
- Chromatographic and spectrometric method development (e.g. HPLC, LC-MS)

- Physicochemical property testing and structural verification
 - Comparative analysis and laboratory investigation of substituted phenyl compounds*
-

Storage & Handling

Storage Temperature

Store in a cool, dry, dark place at 2–8 °C

Handling

Handle in accordance with laboratory safety protocols

Packaging

Supplied in sealed, research-grade containers

Additional Notes

- This compound is offered solely for scientific and technical research
- Not intended for human or veterinary use
- See full compound data at PubChem CID 103611