

Phenibut FAA

4-amino-3-phenylbutanoic acid | CAS 1078-21-3

Product identification

Product name	Phenibut FAA
Chemical name	4-amino-3-phenylbutanoic acid
CAS number	1078-21-3
PubChem CID	14113
Molecular formula	C ₁₀ H ₁₃ NO ₂
Molecular weight	179.22 g/mol
InChIKey	DAFOCGYVTAOKAJ-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>C1=CC=C(C=C1)C(CC(=O)O)CN</chem>
Material type	Chemical reference material / technical compound

Material description

Phenibut FAA is a gamma-amino acid derivative; free amino acid form supplied by Rexar as a chemical reference material / technical compound. The identity data support laboratory identification, documentation and analytical comparison.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Gamma-amino acid derivative; free amino acid form
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed and dry; follow lot-specific supplier storage information.

Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

Safety note

PubChem provides an LCSS record for phenibut. Use applicable supplier/batch classification and standard laboratory controls. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Free amino acid (FAA) identity verified against PubChem CID 14113: CAS 1078-21-3, C₁₀H₁₃NO₂, 179.22 g/mol and InChIKey DAFOCGYVTAOKAJ-UHFFFAOYSA-N. This is distinct from Phenibut HCl.

Document control

Document	Rexar Technical Compound Datasheet
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Revision	10 September 2026
Status	Reference information; not a certificate of analysis

Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation. Users remain responsible for suitability, regulatory status and safe handling.