

Fasoracetam

(5R)-5-(piperidine-1-carbonyl)pyrrolidin-2-one | CAS 110958-19-5

Product identification

Product name	Fasoracetam
Chemical name	(5R)-5-(piperidine-1-carbonyl)pyrrolidin-2-one
CAS number	110958-19-5
PubChem CID	198695
Molecular formula	C ₁₀ H ₁₆ N ₂ O ₂
Molecular weight	196.25 g/mol
InChIKey	GOWRRBABHQUJMX-MRVPVSSYSA-N
Canonical / reference SMILES	<chem>C1CCN(CC1)C(=O)[C@H]2CCCC(=O)N2</chem>
Material type	Chemical reference material / technical compound

Material description

Fasoracetam is a racetam / amino-acid amide derivative 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	Racetam / amino-acid amide derivative
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from light; 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

No Rexar-specific CLP classification is assigned without applicable supplier/batch hazard documentation. Minimise dust exposure and use standard laboratory controls. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 198695: CAS 110958-19-5, C₁₀H₁₆N₂O₂, 196.25 g/mol and InChIKey GOWRRBABHQUJMX-MRVPVSSYSA-N. Fasoracetam hydrate is a separate record/form.

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.