

Phenylpiracetam

2-(2-oxo-4-phenylpyrrolidin-1-yl)acetamide | CAS 77472-70-9

Product identification

Product name	Phenylpiracetam
Chemical name	2-(2-oxo-4-phenylpyrrolidin-1-yl)acetamide
CAS number	77472-70-9
PubChem CID	132441
Molecular formula	C ₁₂ H ₁₄ N ₂ O ₂
Molecular weight	218.25 g/mol
Material type	Chemical reference material / technical compound

Material description

Phenylpiracetam is a phenyl-substituted racetam supplied by Rexar as a chemical reference material / technical compound.

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	Phenyl-substituted racetam
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.

Safety note

No complete Rexar-specific CLP classification is inferred from identity data alone. Use applicable supplier/batch hazard documentation and standard laboratory controls.

Identity verification note

Identity values are included only where sufficiently supported. Unresolved catalogue fields are intentionally left for reconciliation against the exact supplier/lot documentation rather than guessed.

Document control

Document	Rexar Technical Compound Datasheet
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.