

Nefiracetam

N-(2,6-dimethylphenyl)-2-(2-oxopyrrolidin-1-yl)acetamide | CAS 77191-36-7

Product identification

Product name	Nefiracetam
Chemical name	N-(2,6-dimethylphenyl)-2-(2-oxopyrrolidin-1-yl)acetamide
CAS number	77191-36-7
PubChem CID	71157
Molecular formula	C ₁₄ H ₁₈ N ₂ O ₂
Molecular weight	246.30 g/mol
InChIKey	—
Canonical / reference SMILES	—
Material type	Chemical reference material / technical compound

Material description

Nefiracetam is a racetam / pyrrolidinone acetamide 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 / pyrrolidinone acetamide 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

Use the applicable supplier/batch SDS for classification. Toxicological information should not be inferred from chemical identity alone. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 71157: CAS 77191-36-7 and molecular formula C₁₄H₁₈N₂O₂.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026

Status	Reference information; not a certificate of analysis
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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.