

Coluracetam

N-(2,3-dimethyl-5,6,7,8-tetrahydrofuro[2,3-b]quinolin-4-yl)-2-(2-oxopyrrolidin-1-yl)acetamide | CAS 135463-81-9

Product identification

Product name	Coluracetam
Chemical name	N-(2,3-dimethyl-5,6,7,8-tetrahydrofuro[2,3-b]quinolin-4-yl)-2-(2-oxopyrrolidin-1-yl)acetamide
CAS number	135463-81-9
PubChem CID	214346
Molecular formula	C ₁₉ H ₂₃ N ₃ O ₃
Molecular weight	341.4 g/mol
InChIKey	PSPGQHXMUKWNDI-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>CC1=C(OC2=NC3=C(CCCC3)C(=C12)NC(=O)CN4CCCC4=O)C</chem>
Material type	Chemical reference material / technical compound

Material description

Coluracetam is a tetrahydrofuroquinoline racetam derivative supplied 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	Tetrahydrofuroquinoline racetam 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 214346 and CAS Common Chemistry: CAS 135463-81-9, C₁₉H₂₃N₃O₃, 341.4 g/mol and InChIKey PSPGQHXMUKWNDI-UHFFFAOYSA-N.

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. Users remain responsible for suitability, regulatory status and safe handling.