

O-304

4-chloro-N-[2-[(4-chlorophenyl)methyl]-3-oxo-1,2,4-thiadiazol-5-yl]benzamide | CAS 1261289-04-6

Product identification

Product name	O-304
Chemical name	4-chloro-N-[2-[(4-chlorophenyl)methyl]-3-oxo-1,2,4-thiadiazol-5-yl]benzamide
CAS number	1261289-04-6
PubChem CID	50923806
Molecular formula	C ₁₆ H ₁₁ Cl ₂ N ₃ O ₂ S
Molecular weight	380.20 g/mol
InChIKey	—
Canonical / reference SMILES	—
Material type	Chemical reference material / technical compound

Material description

O-304 is a substituted thiadiazole benzamide 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	Substituted thiadiazole benzamide
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 harmonised CLP classification is assigned here from identity data alone. Toxicological information is limited; use standard laboratory controls. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 50923806: CAS 1261289-04-6, C₁₆H₁₁Cl₂N₃O₂S and 380.2 g/mol.

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.