

Cyclazodone

2-cyclopropylimino-5-phenyl-1,3-oxazolidin-4-one | CAS 14461-91-7

Product identification

Product name	Cyclazodone
Chemical name	2-cyclopropylimino-5-phenyl-1,3-oxazolidin-4-one
CAS number	14461-91-7
PubChem CID	135438121
Molecular formula	C ₁₂ H ₁₂ N ₂ O ₂
Molecular weight	216.24 g/mol
InChIKey	DNRKTAYPGADPGW-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>C1CC1N=C2NC(=O)C(O2)C3=CC=CC=C3</chem>
Material type	Chemical reference material / technical compound

Material description

Cyclazodone is a oxazolidinone / pemoline-related 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	Oxazolidinone / pemoline-related 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

PubChem provides an LCSS record for Cyclazodone, but a batch-specific Rexar classification should not be inferred solely from database presence. Use normal laboratory controls and applicable supplier SDS information. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 135438121 and CAS Common Chemistry: CAS 14461-91-7, C₁₂H₁₂N₂O₂, 216.24 g/mol and InChIKey DNRKTAYPGADPGW-UHFFFAOYSA-N.

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.