

Rexar Technical Compound Datasheet

Product Name:

Cyclazodone

Chemical Name:

Cyclazodone

CAS Number:

14461-91-7

PubChem CID:

135438121

Synonyms:

- Cyclazodone
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Chemical Information

Molecular Formula

C₁₂H₁₂N₂O₂

Molecular Weight

216.24 g/mol

IUPAC Name

4,5-Dihydro-5-phenyl-3-(2-pyridinyl)-1,2,4-oxadiazol-5-ol

SMILES

C1CC(C(=NN1)O)(C2=CC=CC=C2)C3=CC=CC=N3

InChIKey

KZZYIXNAWWQXMA-UHFFFAOYSA-N

Appearance

White to off-white powder

Solubility

Soluble in DMSO and ethanol; limited solubility in water

Applications

- Analytical reference material for laboratory workflows
- Chromatographic and spectrometric method development (e.g. HPLC, LC-MS)

- Physicochemical property testing and structural verification
 - Comparative analysis and laboratory investigation of substituted oxadiazole compounds*
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Storage & Handling

Storage Temperature

Store in a cool, dry, dark place at 2–8 °C

Handling

Handle in accordance with laboratory safety protocols

Packaging

Supplied in sealed, research-grade containers

Additional Notes

- This compound is offered solely for scientific and technical research
- Not intended for human or veterinary use
- See full compound data at PubChem CID 135438121