

# Rexar Technical Compound Datasheet

**Product Name:** CMS-121

**Chemical Name:** 4-(4-(Cyclopentyloxy)quinolin-2-yl)benzene-1,2-diol

**CAS Number:** 1353224-53-9

**PubChem CID:** 135741221

## Synonyms:

- CMS121
- 4-(4-cyclopentyloxyquinolin-2-yl)benzene-1,2-diol
- 4-[4-(Cyclopentyloxy)quinolin-2-yl]benzene-1,2-diol

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## Chemical Information

**Molecular Formula** C<sub>20</sub>H<sub>19</sub>NO<sub>3</sub>

**Molecular Weight** 321.37 g/mol

**IUPAC Name** 4-(4-(cyclopentyloxy)quinolin-2-yl)benzene-1,2-diol

**SMILES** O(C1CCCC1)C2=CC=CC3=NC(=CC=C23)C4=CC(O)=C(O)C=C4

**InChIKey** OMHNVUCFPJLKD-UHFFFAOYSA-N

**Appearance** Light yellow to yellow solid powder

**Solubility** Soluble in DMSO; limited solubility in water

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## Applications

- Analytical reference standard for quinoline-based compound libraries
- Utilized in chromatographic and spectrometric method development
- Employed in physicochemical property testing and degradation profiling
- Suitable for structural verification and laboratory comparison workflows\*

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## Storage & Handling

**Storage Temperature** Store at 2–8 °C; protect from light and moisture

**Handling** Use personal protective equipment; avoid inhalation

**Packaging** Delivered in tamper-evident, sealed lab-grade containers

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## Additional Notes

- Not for human or veterinary use
- Distributed for laboratory, assay development, and analytical study
- For complete technical data, refer to PubChem CID 135741221