

## Rexar Technical Compound Datasheet

**Product Name:** NSI-189

**Chemical Name:** 4-[(2,3-dihydro-1H-inden-1-yl)amino]quinoline

**CAS Number:** 1270138-40-3

**PubChem CID:** [50922681](#)

**Synonyms:**

- NSI 189 phosphate (as salt form in some studies)
- Indenylaminoquinoline derivative
- Experimental neurogenic compound

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### Chemical Information

**Molecular Formula** C<sub>18</sub>H<sub>17</sub>N<sub>3</sub>

**Molecular Weight** 275.35 g/mol

**IUPAC Name** 4-[(2,3-dihydro-1H-inden-1-yl)amino]quinoline

**SMILES** C1CC2=CC=CC=C2C1NC3=CC=NC4=CC=CC=C34

**InChIKey** DCVCIFYYMMNPGV-UHFFFAOYSA-N

**Appearance** Off-white to pale yellow powder (batch-dependent)

**Solubility** Soluble in DMSO, limited in water

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### Applications

- Investigated in research related to neurogenesis and cognition
- Analytical reference for aminoquinoline derivatives
- Suitable for spectroscopic and chromatographic method development

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### Storage & Handling

**Storage Temperature** Store at 4–20 °C in a dry, dark environment

**Handling** Use appropriate lab PPE and work in a controlled setting

**Packaging** Supplied in sealed containers for research use only

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### Additional Notes

- Provided exclusively for analytical and scientific research
- Not intended for human or veterinary use
- Reference: [PubChem CID 50922681](#)