

## Rexar Technical Compound Datasheet

**Product Name:** PRL-8-53

**Chemical Name:** Methyl 3-[2-(benzyl(methyl)amino)ethyl]benzoate

**CAS Number:** 51352-87-5

**PubChem CID:** [70700868](#)

**Synonyms:**

- PRL 8-53
- Methyl 3-[2-(benzyl(methyl)amino)ethyl]benzoate
- Experimental benzylated amino ester

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## Chemical Information

**Molecular Formula** C17H21NO2

**Molecular Weight** 271.36 g/mol

**IUPAC Name** Methyl 3-[2-(benzyl(methyl)amino)ethyl]benzoate

**SMILES** COC(=O)C1=CC=CC(=C1)CCN(C)CC2=CC=CC=C2

**InChIKey** SOVYJLQZZBQNRI-UHFFFAOYSA-N

**Appearance** White to off-white crystalline powder (batch-dependent)

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

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## Applications

- Investigated in research contexts involving cognitive chemistry
- Analytical reference for substituted benzoate derivatives
- Suitable for chromatographic and spectral method development

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## Storage & Handling

**Storage Temperature** Store at 8–20 °C in a dry, dark location

**Environment** Avoid direct sunlight and moisture

**Handling** Use standard laboratory PPE and safety procedures

**Packaging** Supplied in sealed research-grade containers

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## Additional Notes

- Provided exclusively for research and analytical use
- Not intended for human or animal use
- For further reference, consult [PubChem CID 70700868](#)