

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

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

Applications

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

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

Additional Notes

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