

# Rexar Technical Compound Datasheet

**Product Name:** J-147

**Chemical Name:** 2,2,2-trifluoro-N-[2-methyl-6-(1-methylindol-3-yl)benzyl]acetamide

**CAS Number:** 1146963-51-0

**PubChem CID:** [25229652](#)

**Synonyms:**

- J147
- Trifluoroacetyl-N-[2-methyl-6-(1-methyl-1H-indol-3-yl)benzyl]amide
- Neurogenic research compound J-147

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## Chemical Information

<b>Molecular Formula</b>	C18H17F3N2O
<b>Molecular Weight</b>	334.34 g/mol
<b>IUPAC Name</b>	2,2,2-trifluoro-N-[2-methyl-6-(1-methyl-1H-indol-3-yl)benzyl]acetamide
<b>SMILES</b>	<chem>CC1=CC(=C(C=C1)C2=CNC3=CC=CC=C32)CNC(=O)C(F)(F)F</chem>
<b>InChIKey</b>	XVXRSOKUQYMNMW-UHFFFAOYSA-N
<b>Appearance</b>	Off-white to pale yellow powder (batch-dependent)
<b>Solubility</b>	Soluble in DMSO, ethanol; low water solubility

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## Applications

- Investigated in aging-related biochemical studies
- Research on mitochondrial and neuroprotective mechanisms
- Suitable for analytical profiling and structure-activity modeling

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## Storage & Handling

<b>Storage Temperature</b>	Store at 4–8 °C in a dry environment
<b>Environment</b>	Protect from light and moisture
<b>Handling</b>	Standard lab PPE and fume hood recommended
<b>Packaging</b>	Sealed lab container, moisture-protective barrier

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## Additional Notes

- Supplied strictly for scientific research and analytical reference
- Not intended for human or animal use
- For further reference, visit [PubChem CID 25229652](#)