

## Product Information

### J147, Purity ≥98%

**Cat. No.:** X24-09-YM1370

**Size:** 10 mg; 20 mg; 50 mg; 100 mg

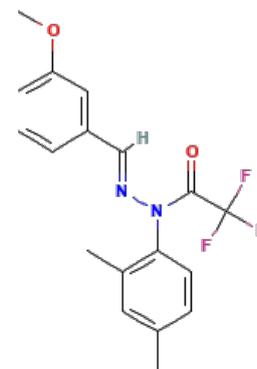
**MDL:** MFCD25976644

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

**Compound CID:** 25229652

**Synonym:** 1146963-51-0; J 147; J-147;

*N*-(2,4-Dimethylphenyl)-2,2,2-trifluoro-*N*-[(*E*)-(3-methoxyphenyl)methylideneamino]acetamide



**This product is for research use only and is not intended for diagnostic use.**

### Product Information

<b>Description</b>	J147, soluble in DMSO, is a potent neuroprotective and neurotrophic compound. The molecular weight of the compound is 350.34, and its molecular formula is C <sub>18</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub> .
<b>Molecular Weight</b>	350.34
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>
<b>IUPAC Name</b>	<i>N</i> -(2,4-Dimethylphenyl)-2,2,2-trifluoro- <i>N</i> -[( <i>E</i> )-(3-methoxyphenyl)methylideneamino]acetamide
<b>InChI</b>	InChI=1S/C18H17F3N2O2/c1-12-7-8-16(13(2)9-12)23(17(24)18(19,20)21)22-11-14-5-4-6-15(10-14)25-3/h4-11H,1-3H3/b22-11+
<b>InChI Key</b>	HYMZAYGFKNNHDN-SSDVNMTOSA-N
<b>Canonical SMILES</b>	CC1=CC(=C(C=C1)N(C(=O)C(F)(F)F)N=CC2=CC(=CC=C2)OC)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Solubility</b>	<i>In vitro</i> : DMSO: 60 mg/mL (171.27 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	J147 can be studied extensively for its potential therapeutic applications in the treatment of Alzheimer's disease.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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