

## Product Information

### Fluoroclebopride, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1273

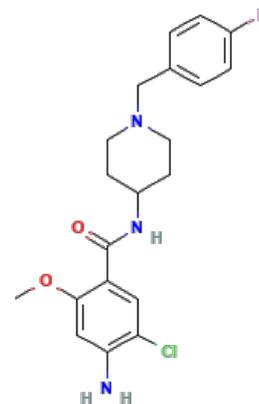
**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**CAS Number:** 154540-49-5

**Synonym:** 154540-49-5;

4-Amino-5-chloro-*N*-[1-[(4-fluorophenyl)methyl]piperidin-4-yl]-2-methoxybenzamide

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



#### Product Information

<b>Description</b>	Fluoroclebopride is a useful chemical for PET image study. The molecular weight of the compound is 391.87, and its molecular formula is C <sub>20</sub> H <sub>23</sub> ClFN <sub>3</sub> O <sub>2</sub> .
<b>Molecular Weight</b>	391.87
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>23</sub> ClFN <sub>3</sub> O <sub>2</sub>
<b>IUPAC Name</b>	4-Amino-5-chloro- <i>N</i> -[1-[(4-fluorophenyl)methyl]piperidin-4-yl]-2-methoxybenzamide
<b>InChI</b>	InChI=1S/C20H23ClFN3O2/c1-27-19-11-18(23)17(21)10-16(19)20(26)24-15-6-8-25(9-7-15)12-13-2-4-14(22)5-3-13/h2-5,10-11,15H,6-9,12,23H2,1H3,(H,24,26)
<b>InChI Key</b>	HKDIGEWWDHALIS-UHFFFAOYSA-N
<b>Canonical SMILES</b>	COC1=CC(=C(C=C1C(=O)NC2CCN(CC2)CC3=CC=C(C=C3)F)Cl)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<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>	Fluoroclebopride can be studied extensively for its potential therapeutic applications in the treatment of dopaminergic dysregulation, such as schizophrenia and other psychiatric disorders.
<b>Storage</b>	Store at -20°C, and keep desiccated.