

## Product Information

### Bcr-Abl inhibitor CHMFL-ABL-039, Purity ≥98%

**Cat. No.:** X24-06-ZQ437

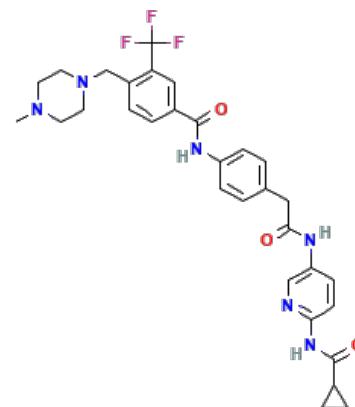
**Size:** 1 mg; 5 mg; 10 mg; 25 mg

**CAS Number:** 2304344-56-5

**Compound CID:** 138377598

**Synonym:** 2304344-56-5; Bcr-Abl inhibitor

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



#### Product Information

<b>Description</b>	CHMFL-ABL-039 specifically inhibits the activity of the Bcr-Abl tyrosine kinase.
<b>Molecular Weight</b>	594.63
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>33</sub> F <sub>3</sub> N <sub>6</sub> O <sub>3</sub>
<b>IUPAC Name</b>	<i>N</i> -[4-[2-[[6-(cyclopropanecarbonylamino)pyridin-3-yl]amino]-2-oxoethyl]phenyl]-4-[(4-methylpiperazin-1-yl)methyl]-3-(trifluoromethyl)benzamide
<b>InChI</b>	InChI=1S/C31H33F3N6O3/c1-39-12-14-40(15-13-39)19-23-7-6-22(17-26(23)31(32,33)34)30(43)37-24-8-2-20(3-9-24)16-28(41)36-25-10-11-27(35-18-25)38-29(42)21-4-5-21/h2-3,6-11,17-18,21H,4-5,12-16,19H2,1H3,(H,36,41)(H,37,43)(H,35,38,42)
<b>InChI Key</b>	RBWVZGKOJYNSAN-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CN1CCN(CC1)CC2=C(C=C(C=C2)C(=O)NC3=CC=C(C=C3)CC(=O)NC4=CN=C(C=C4)NC(=O)C5CC5)C(F)(F)F
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	CHMFL-ABL-039 is studied for its potential to inhibit the Bcr-Abl fusion protein, offering a pathway to manage chronic myeloid leukemia.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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