

## Product Information

### Bcr-Abl inhibitor CHMFL-ABL/KIT-155, Purity ≥98%

**Cat. No.:** X24-06-ZQ365

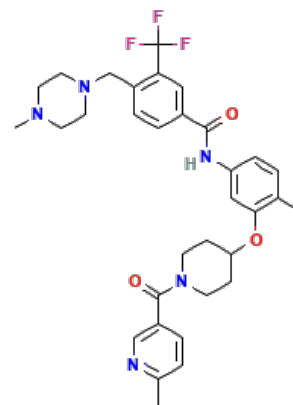
**Size:** 1 mg; 5 mg; 10 mg; 25 mg

**CAS Number:** 2081093-21-0

**Compound CID:** 132546210

**Synonym:** 2081093-21-0; Bcr-Abl inhibitor; CHMFL-ABL-KIT-155

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



#### Product Information

<b>Description</b>	CHMFL-ABL/KIT-155 specifically inhibits the activity of the Bcr-Abl tyrosine kinase.
<b>Molecular Weight</b>	609.68
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>38</sub> F <sub>3</sub> N <sub>5</sub> O <sub>3</sub>
<b>IUPAC Name</b>	<i>N</i> -[4-methyl-3-[1-(6-methylpyridine-3-carbonyl)piperidin-4-yl]oxyphenyl]-4-[(4-methylpiperazin-1-yl)methyl]-3-(trifluoromethyl)benzamide
<b>InChI</b>	InChI=1S/C33H38F3N5O3/c1-22-4-9-27(19-30(22)44-28-10-12-41(13-11-28)32(43)25-6-5-23(2)37-20-25)38-31(42)24-7-8-26(29(18-24)33(34,35)36)21-40-16-14-39(3)15-17-40/h4-9,18-20,28H,10-17,21H2,1-3H3,(H,38,42)
<b>InChI Key</b>	DQHVUKLVCBJBLM-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=C(C=C(C=C1)NC(=O)C2=CC(=C(C=C2)CN3CCN(CC3)C)C(F)(F)F)OC4CCN(CC4)C(=O)C5=CN=C(C=C5)C
<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/KIT-155 is used to simultaneously inhibit Bcr-Abl and c-Kit kinases in research, which is relevant for studies on leukemia.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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