

## Product Information

### Bcr-Abl inhibitor BCR-ABL-IN-1, Purity ≥98%

**Cat. No.:** X24-06-ZQ423

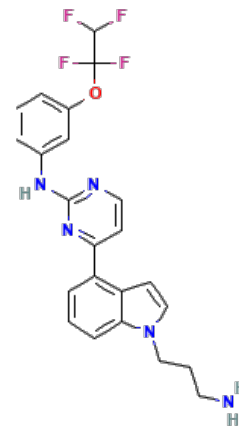
**Size:** 1 mg; 5 mg; 10 mg; 50 mg

**CAS Number:** 188260-50-6

**Compound CID:** 9847014

**Synonym:** 188260-50-6; Bcr-Abl inhibitor

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



#### Product Information

<b>Description</b>	BCR-ABL-IN-1 specifically inhibits the activity of the Bcr-Abl tyrosine kinase.
<b>Molecular Weight</b>	459.44
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>21</sub> F <sub>4</sub> N <sub>5</sub> O
<b>IUPAC Name</b>	4-[1-(3-Aminopropyl)indol-4-yl]-N-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]pyrimidin-2-amine
<b>InChI</b>	InChI=1S/C23H21F4N5O/c24-21(25)23(26,27)33-16-5-1-4-15(14-16)30-22-29-11-8-19(31-22)17-6-2-7-20-18(17)9-13-32(20)12-3-10-28/h1-2,4-9,11,13-14,21H,3,10,12,28H2,(H,29,30,31)
<b>InChI Key</b>	HNAIZJDQDDXEGC-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1=CC(=CC(=C1)OC(C(F)F)(F)F)NC2=NC=CC(=N2)C3=C4C=CN(C4=CC=C3)CCCN
<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>	BCR-ABL-IN-1 is utilized to deepen understanding of how Bcr-Abl inhibition can effectively target leukemia at the molecular level.
<b>Storage</b>	Store at -20°C, and keep desiccated.