



Product Information

Bcr-Abl inhibitor Asciminib, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ416

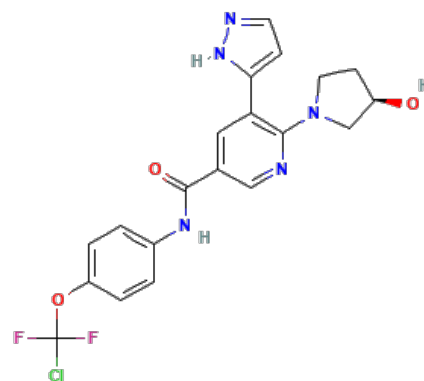
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1492952-76-7

Compound CID: 72165228

Synonym: 1492952-76-7; Bcr-Abl inhibitor; ABL001; ABL 001; ABL-001

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



Product Information

Description	Asciminib, soluble in DMSO and ethanol, specifically inhibits the activity of the Bcr-Abl tyrosine kinase.
Molecular Weight	449.84
Molecular Formula	C ₂₀ H ₁₈ ClF ₂ N ₅ O ₃
IUPAC Name	<i>N</i> -[4-[chloro(difluoro)methoxy]phenyl]-6-[(3 <i>R</i>)-3-hydroxypyrrolidin-1-yl]-5-(1 <i>H</i> -pyrazol-5-yl)pyridine-3-carboxamide
InChI	InChI=1S/C20H18ClF2N5O3/c21-20(22,23)31-15-3-1-13(2-4-15)26-19(30)12-9-16(17-5-7-25-27-17)18(24-10-12)28-8-6-14(29)11-28/h1-5,7,9-10,14,29H,6,8,11H2,(H,25,27)(H,26,30)/t14-m/s1
InChI Key	VOVZXURTCKPRDQ-CQSZACIVSA-N
Canonical SMILES	<chem>C1CN(CC1O)C2=C(C=C(C=N2)C(=O)NC3=CC=C(C=C3)OC(F)(F)Cl)C4=CC=NN4</chem>
Isomeric SMILES	<chem>C1CN(C[C@@H]1O)C2=C(C=C(C=N2)C(=O)NC3=CC=C(C=C3)OC(F)(F)Cl)C4=CC=NN4</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 76 mg/mL (168.94 mM); Ethanol: 76 mg/mL (168.94 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Asciminib is integral to researching new treatment approaches for chronic myeloid leukemia (CML) through specific targeting of the Bcr-Abl1 fusion protein.



Storage

Store at -20°C, and keep desiccated.
