

## Product Datasheet

### AKE-72 (orb2281171)

<b>Catalog Number</b>	orb2281171
<b>Category</b>	Small Molecules
<b>Description</b>	AKE-72 is a small molecule pan-BCR-ABL inhibitor that suppresses the growth of Ba/F3 cells harboring native or T315I-mutant BCR-ABL. It is a research tool for studying kinase resistance mechanisms in chronic myeloid leukemia (CML) models, applicable in both in vitro and in vivo experimental settings.
<b>Target</b>	Bcr-Abl
<b>Purity</b>	98.30%
<b>MW</b>	546.59
<b>Target Areas</b>	Bcr-Abl
<b>CAS Number</b>	2566525-18-4
<b>Formula</b>	$C_{30}H_{29}F_3N_6O$
<b>SMILES</b>	<chem>O=C(NC1=CC=C(C(=C1)C(F)(F)F)CN2CCN(CC)CC2)C=3C=CC=C(C#CC4=CC=CC=5NN=C(N)C45)C3</chem>
<b>Storage</b>	store at low temperature   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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