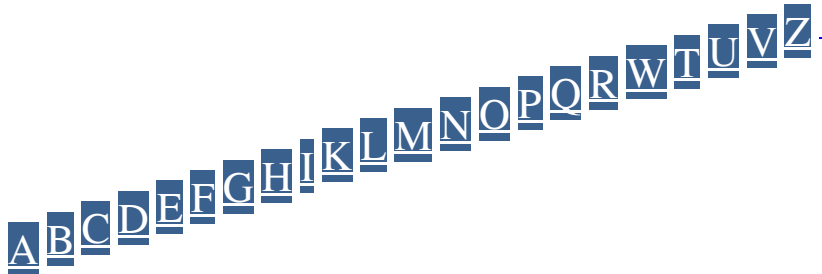


Glossary A-Z

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Quizartinib

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According to the NCI website Quizartinib is an orally available small molecule with potential antineoplastic activity. Quizartinib selectively inhibits class III [receptor tyrosine kinases](#), including FMS-related tyrosine kinase 3 (FLT3/STK1), colony-stimulating factor 1 receptor (CSF1R/FMS), stem cell factor receptor (SCFR/KIT), and platelet derived growth factor receptors (PDGFRs), resulting in inhibition of ligand-independent leukemic cell proliferation and apoptosis. Mutations in FLT3, resulting in constitutive activation, are the most frequent genetic alterations in acute myeloid leukemia (AML) and occur in approximately one-third of AML cases.

[Link to Drug Information Portal, a service of the U.S. National Library of Medicine, National Institutes of Health](#)

[Link to National Cancer Institute](#)

[Link zu Wiki](#)

[The IUPHAR/BPS Guide to PHARMACOLOGY](#)