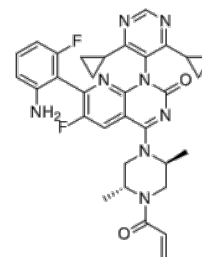


Product Name : Garsorasib
Cat. No. : PC-73419
CAS No. : 2559761-14-5
Molecular Formula : C₃₂H₃₂F₂N₈O₂
Molecular Weight : 598.659
Target : Ras
Solubility : 10 mM in DMSO



Biological Activity

Garsorasib (D-1553) is a potent, selective, orally bioavailable and covalent **KRas-G12C** inhibitor with IC₅₀ of 10 nM, exhibits potent anti-tumor activity in a broad spectrum of tumor cell lines.

Garsorasib (D-1553) shows specific activity in cancer cells with KRas-G12C mutation, including lung, pancreatic and colorectal cancers.

Garsorasib (D-1553) is highly potent in vivo in various cell line-derived xenograft tumor models with KRas-G12C mutation as a single agent.

Garsorasib (D-1553) demonstrates further tumor growth inhibition or regression in tumor xenograft models, when combined with MEK inhibitor, SHP2 inhibitor or cytotoxic agents.

Garsorasib (D-1553) has anti-tumor activity in a broad spectrum of cancers and is suitable for tissue-agnostic clinical development targeting cancers with KRas-G12C mutation.

References

Albert K Kwan, et al. *J Exp Clin Cancer Res.* 2022 Jan 19;41(1):27.

Zhe Shi, et al. *Cancer Res* (2021) 81 (13_Supplement): 932.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com