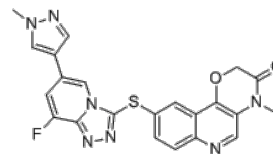


Product Name : Dalmelitinib
Cat. No. : PC-49132
CAS No. : 1637658-98-0
Molecular Formula : C₂₂H₁₆FN₇O₂S
Molecular Weight : 461.475
Target : c-Met (HGFR)
Solubility : 10 mM in DMSO



Biological Activity

Dalmelitinib is a potent, selective **c-Met** tyrosine kinase inhibitor with IC₅₀ of 0.7 nM, inhibits cell growth of gastric cells SNU5 with IC₅₀ of 2.0 nM, binds to the ATP-binding region of c-MET kinase.

Dalmelitinib has a better inhibiting activity than SGX-523 in a dosedependent manner against different human tumor cell lines comprising human gastric (MKN-45) and human non-small cell lung (NCI-H1993).

Dalmelitinib (10, 30, 60 mg/kg) significantly inhibited the tumor (MKN-45) growth in nude mice and the inhibitory rates were 29.5%, 34.2%, and 61.4%, respectively.

References

Patent CN108623619 A 2018-10-09 .

Junjun Zhao, et al. *Bioorg Med Chem*. 2016 Aug 15;24(16):3483-93.

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

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