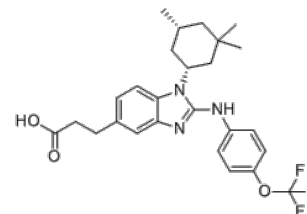


Product Name : BAY-1436032
Cat. No. : PC-60292
CAS No. : 1803274-65-8
Molecular Formula : C₂₆H₃₀F₃N₃O₃
Molecular Weight : 489.54
Target : Isocitrate Dehydrogenase (IDH)
Solubility : 10 mM in DMSO



Biological Activity

BAY-1436032 (BAY1436032) is a potent, selective, orally available inhibitor of pan-mutant **IDH1** with IC₅₀ of 15 nM for both IDH1 R132H and R132C, respectively.

BAY-1436032 shows no effect on wild-type IDH1; strongly reduces 2-HG levels in cells carrying IDH1-R132H, -R132C, -R132G, -R132S and -R132L mutations.

BAY-1436032 significantly prolongs survival of mice intracerebrally transplanted with human astrocytoma carrying the IDH1R132H mutation.

References

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Chaturvedi A, et al. *Leukemia.* 2017 Oct;31(10):2020-2028.

Gokul S, et al. *CNS Neurol Disord Drug Targets.* 2017;16(6):636-637.

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

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