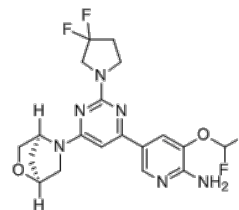


Product Name : GDC-0134
Cat. No. : PC-72890
CAS No. : 1637394-01-4
Molecular Formula : C₁₉H₂₀F₄N₆O₂
Molecular Weight : 440.403
Target : MEKK (MAP3K)
Solubility : 10 mM in DMSO



Biological Activity

GDC-0134 (GDC0134) is a potent, selective, orally available, brain-penetrant inhibitor of **dual leucine zipper kinase (DLK, MAP3K12)**.

GDC-0134 blocks DLK activity in cellular assays and in animal models of neuronal injury.

Dual leucine zipper kinase (DLK), which regulates the c-Jun N-terminal kinase pathway involved in axon degeneration and apoptosis following neuronal injury, is a potential therapeutic target in amyotrophic lateral sclerosis (ALS).

References

Jonathan S Katz, et al. *Ann Clin Transl Neurol.* 2022 Jan;9(1):50-66.

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

E-mail: tech@probechem.com