

Data Sheet

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 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!

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