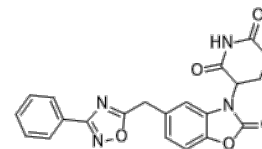


Product Name : TRI-611
Cat. No. : PC-28067
CAS No. : 3117940-39-0
Molecular Formula : C₂₁H₁₆N₄O₅
Molecular Weight : 404.38
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : 10 mM in DMSO



CAS: 3117940-39-0

Biological Activity

TRI-611 is a potent, selective, CNS-penetrant **molecular glue degrader** of **ALK**, promotes the ubiquitination and degradation of ALK fusion alleles with clinically relevant acquired TKI resistance mutations.

TRI-611 promotes tumor regression with daily oral dosing in both subcutaneous and intracranial models of ALK+ NSCLC. TRI-611 shows broad selectivity across the global proteome including closely related kinases such as NTRK1, allowing for sustained high target coverage, including in the CNS, without the off-target liabilities that are associated with TKIs.

TRI-611 brings ALK and cereblon together through a unique binding mechanism that works independently of the kinase active site and harnesses the body's innate protein-degradation machinery to selectively eliminate the ALK fusion protein.

References

Andrew R. Conery, et al. *Mol Cancer Ther* (2025) 24 (10_Supplement): B064.

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

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