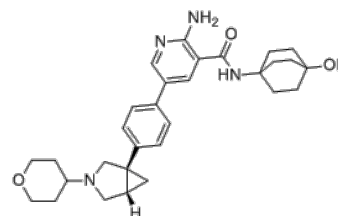

Product Name	: Zilurgisertib
Cat. No.	: PC-73458
CAS No.	: 2173389-57-4
Molecular Formula	: C ₃₀ H ₃₈ N ₄ O ₃
Molecular Weight	: 502.659
Target	: Anaplastic Lymphoma Kinase (ALK)
Solubility	: 10 mM in DMSO



Biological Activity

Zilurgisertib (INCB000928, NBU-928) is a potent, selective and orally available wild-type and mutant **ALK2** (R206H). INCB000928 significantly reduces the production of hepcidin in human liver cells, primary hepatocytes and rodent models of anemia.

INCB000928 has shown efficacy in preventing injury-induced heterotopic ossification in a human FOP mouse model, offering a promising path to clinical proof-of-efficacy studies and potential benefits to patients with hepcidin-induced anemia and FOP

References

Li J, et al. Preparation of aminopyridine derivatives and their use as selective ALK-2 inhibitors. WO2018014829 A1.

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

E-mail: tech@probechem.com
