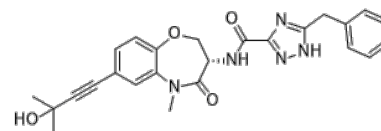


Product Name : Ocadasertib
Cat. No. : PC-24972
CAS No. : 2382811-41-6
Molecular Formula : C₂₅H₂₅N₅O₄
Molecular Weight : 459.51
Target : Receptor Interacting Protein Kinase (RIPK)
Solubility : 10 mM in DMSO



CAS: 2382811-41-6

Biological Activity

Ocadasertib (LY3871801, R552) is a potent and selective, allosteric inhibitor of **RIPK1** with IC₅₀ of 12-38 nM. Ocadasertib inhibits necroptotic responses in multiple in vitro immortalized and primary cell-based assays with a potency of 0.4 to 3 nM.

Ocadasertib inhibits TNF/zVAD-induced cell death with a potency of 7 to 9 nM in human whole blood assays.

Ocadasertib shows no significant inhibition in a panel of 105 kinases at 10 uM.

Ocadasertib prevents RIPK1-dependent hypothermia in response to a TNF challenge; inhibits necroptosis-induced skin inflammation in an acute model; and is efficacious in a chronic proliferative dermatitis (Sharpincpdm) model.

References

Eric Hanson, et al. ACR Convergence 2024.

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

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