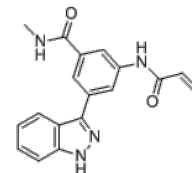


Product Name : MKK7-COV-9
Cat. No. : PC-35805
CAS No. : 2283355-59-7
Molecular Formula : C₁₈H₁₆N₄O₂
Molecular Weight : 320.352
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

MKK7-COV-9 (MKK7 Covalent inhibitor 9) is a potent, selective, covalent **MKK7** (MAP2K7) inhibitor, displays >1,000-fold selectivity over MKK4.

MKK7-COV-9 displays remarkable selectivity against a kinome panel of 76 kinases.

MKK7-COV-9 inhibits the CD86+ response in primary mouse B cells in response to LPS stimulation (EC₅₀=4.9 μM).

MKK7-COV-9 has half-lives >40 min in dog and rat, and significantly improved stability in human and monkey liver microsomes.

MKK7-COV-9 is not cytotoxic to a panel of human cell lines.

References

Shraga A, et al. *Cell Chem Biol.* 2018 Oct 24. pii: S2451-9456(18)30344-1.

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

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