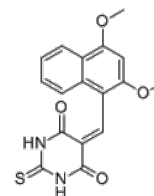


Product Name : IT-901
Cat. No. : PC-61961
CAS No. : 1584121-99-2
Molecular Formula : C₁₇H₁₄N₂O₄S
Molecular Weight : 342.37
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

IT-901 is a novel potent, small molecule inhibitor of NF-κB subunit **c-Rel**, inhibits DNA binding of c-Rel and NF-κB activity with IC₅₀ of 3 μM.

IT-901 reduces stimulation of the oxidative stress response gene heme oxygenase-1.

IT-901 inhibits c-Rel/NF-κB both in vitro and in vivo.

References

Shono Y, et al. *Cancer Res.* 2016 Jan 15;76(2):377-89.

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

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