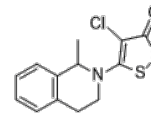


**Product Name** : RP-54745  
**Cat. No.** : PC-24063  
**CAS No.** : 135330-08-4  
**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>ClNOS<sub>2</sub>  
**Molecular Weight** : 297.82  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 135330-08-4

## Biological Activity

RP-54745 is a potential antirheumatic compound and interleukin-1 (IL-1) inhibitor, inhibits LPS-induced IL-1 production by murine peritoneal macrophages.

RP-54745 effectively repressed KSHV + PEL cell growth through inducing tumor cell apoptosis.

RP-54745 significantly reduced hyperinflammation in tumor microenvironment including myeloid cells and neutrophils infiltration, as well as blocking IL-1 signaling molecules expression in primary effusion lymphoma (PEL) xenograft model.

## References

Folliard F, et al. Agents Actions. 1992 May;36(1-2):119-26.

Dai L, et al. J Med Virol. 2025 Feb;97(2):e70200.

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

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