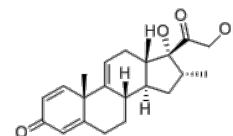


Product Name : Vamorolone
Cat. No. : PC-35648
CAS No. : 13209-41-1
Molecular Formula : C₂₂H₂₈O₄
Molecular Weight : 356.462
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Vamorolone (VBP15) is a dissociative steroidal compound, reduces **NF-κB**-mediated cytokine expression in vitro, also reduces glucocorticoid-mediated side-effects when compared to dexamethasone in vivo.

Vamorolone reduces NF-κB pathway inflammatory cytokines in mouse primary DIPG cells, shows efficacy in inducing an anti-inflammatory response in animal models of asthma, multiple sclerosis, inflammatory bowel disease, and muscular dystrophies, and has shown fewer side effects.

Vamorolone increases physical activity of tumor bearing mice.

References

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Hoffman EP, et al. Steroids. 2018 Jun;134:43-52.

Almeida LEF, et al. Sci Rep. 2018 Apr 17;8(1):6081.

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

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