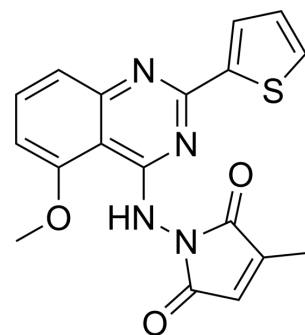


SPC 839

Cat. No.:	HY-10072
CAS No.:	219773-55-4
Molecular Formula:	C ₁₈ H ₁₄ N ₄ O ₃ S
Molecular Weight:	366.39
Target:	NF-κB; AP-1
Pathway:	NF-κB; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SPC 839 (compound 10) is an orally active inhibitor of AP-1 and NF-κB mediated transcriptional activation with IC ₅₀ of 0.008 μM ^[1] .
In Vivo	SPC 839 (compound 10) (30 mg/kg, p.o., 21 days) shows significant activity in adjuvant-induced arthritis rat model, reducing uninjected foot swelling by 65% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Moorthy S S Palanki, et al. The design and synthesis of novel orally active inhibitors of AP-1 and NF-kappaB mediated transcriptional activation. SAR of in vitro and in vivo studies. Bioorg Med Chem Lett. 2003 Nov 17;13(22):4077-80.

Caution: Product has not been fully validated for medical applications. For research use only.

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