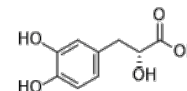


Product Name : Danshensu
Cat. No. : PC-28257
CAS No. : 76822-21-4
Molecular Formula : C₉H₁₀O₅
Molecular Weight : 198.17
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

Danshensu (Dan shen suan A, Salvianic acid A) is an orally active phenolic compound from *Salvia miltiorrhiza* within antioxidant, anti-inflammatory, and pro-angiogenesis effects, can induce Nrf2/HO-1 activation and inhibition of NF-κB pathway, reduces reactive oxygen species (ROS) production and upregulates antioxidant defense mechanism and inhibits intrinsic apoptotic pathway, also inhibits SARS-CoV-2 with EC₅₀ of 0.97 μM, also directly inhibits calpain-2 (CAPN2).

References

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Wei Wang, et al. Acta Pharmacol Sin. 2022 Apr;43(4):771-780.
V Bharath Kumar, et al. Front Endocrinol (Lausanne). 2020 Sep 30;11:568436.
Zhang X, et al. Br J Pharmacol. 2026 Aug 19. doi: 10.1111/bph.70644.

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

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