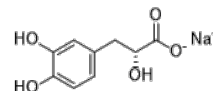


Product Name : Sodium danshensu
Cat. No. : PC-28258
CAS No. : 81075-52-7
Molecular Formula : C₉H₉NaO₅
Molecular Weight : 220.16
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

Sodium danshensu (Sanshensu sodium, 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

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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