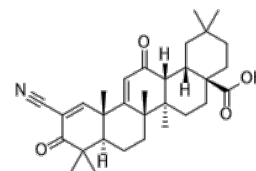


Product Name : Bardoxolone
Cat. No. : PC-25722
CAS No. : 218600-44-3
Molecular Formula : C₃₁H₄₁NO₄
Molecular Weight : 491.67
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

Bardoxolone (RTA401, CDDO) is a covalent, orally active activator of NRF2, also inhibits SARS-CoV-2 3CL protease (EC₅₀=0.43 uM), also inhibits necroptosis in HT-29 cells by blocking necrosome formation through inhibiting phosphorylation of RIPK1 and RIPK3.

References

Sun Q, et al. Signal Transduct Target Ther. 2021 May 29;6(1):212.

Wang Y, et al. Eur J Med Chem. 2021 Feb 15;212:113030.

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

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