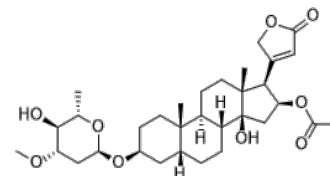


Product Name : Oleandrin
Cat. No. : PC-27802
CAS No. : 465-16-7
Molecular Formula : C₃₂H₄₈O₉
Molecular Weight : 576.73
Target : Na-K-ATPase
Solubility : 10 mM in DMSO



Biological Activity

Oleandrin (PBI-05204) is a cardenolide glycoside that induce fatal poisonings, inhibits Na,K-ATPase catalytic activity with IC₅₀ of 0.62 uM, also blocks NF-kappaB activation induced by phorbol ester and lipopolysaccharide, blocks AP-1 activation induced by TNF, suppresses inflammation and tumorigenesis.

References

- Yang P, et al. Mol Carcinog. 2014 Apr;53(4):253-63.
Garofalo S, et al. J Neurosci. 2017 Apr 5;37(14):3926-3939.
Jortani SA, et al. Clin Chem. 1996 Oct;42(10):1654-8.
Manna SK, et al. Cancer Res. 2000 Jul 15;60(14):3838-47.

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

E-mail: tech@probechem.com