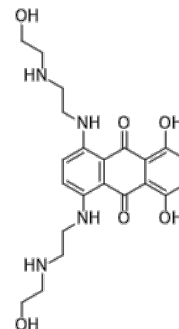


Product Name : Mitoxantrone
Cat. No. : PC-24867
CAS No. : 65271-80-9
Molecular Formula : C₂₂H₂₈N₄O₆
Molecular Weight : 444.49
Target : Deubiquitinase (DUB)
Solubility : 10 mM in DMSO



Biological Activity

Mitoxantrone is a specific small molecule inhibitor of USP11 with IC₅₀ of 3.15 uM, impacts PDA cell survival with an IC₅₀<10 nM, also is a potent topoisomerase II inhibitor and inhibits protein kinase C (PKC) activity with IC₅₀ of 8.5 uM.

References

Burkhart RA, et al. Mol Cancer Res. 2013 Aug;11(8):901-11.

Jacko AM, et al. Cell Death Dis. 2016 Nov 17;7(11):e2474.

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

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