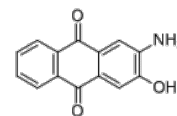


Product Name : UHRF1 inhibitor UM63
Cat. No. : PC-72248
CAS No. : 117-77-1
Molecular Formula : C₁₄H₉NO₃
Molecular Weight : 239.23
Target : DNA Methyltransferase (DNMT)
Solubility :



Biological Activity

UHRF1 inhibitor UM63 (UM63) is an anthraquinone compound that binds to the 5-methylcytosine (5mC) binding pocket of the SRA domain of UHRF1, inhibits the base-flipping process, which is crucial in the replication of DNA methylation profiles; UM63 impaired the UHRF1/DNMT1 interaction and decreased the overall methylation of DNA in treated cells.

References

Liliyana Zaayter, et al. Chemistry. 2019 Oct 17;25(58):13363-13375.

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

E-mail: tech@probechem.com