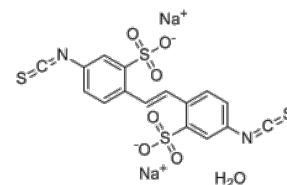


Product Name : DIDS
Cat. No. : PC-61230
CAS No. : 304655-84-3
Molecular Formula : C₁₆H₁₀N₂Na₂O₇S₄
Molecular Weight : 516.483
Target : RAD51
Solubility : 10 mM in DMSO



Biological Activity

DIDS is a small molecule inhibitor of **RAD51**-mediated homologous recombination. DIDS inhibits repair of activation-induced cytidine deaminase (AID)-initiated DNA breaks, induces apoptosis, and promotes cytotoxicity preferentially in AID-expressing human CLL;. DIDS strongly inhibits T1D development in NOD mice.

References

- Ratiu JJ, et al. *J Immunol.* 2017 Jun 1;198(11):4255-4267.
Lamont KR, et al. *Exp Med.* 2013 May 6;210(5):1021-33.
Dinnen RD, et al. *Mol Cancer Ther.* 2013 Dec;12(12):2792-803.

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

E-mail: tech@probechem.com