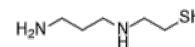


Product Name : Amifostine thiol
Cat. No. : PC-26154
CAS No. : 31098-42-7
Molecular Formula : C₅H₁₄N₂S
Molecular Weight : 134.24
Target : MDM2-p53
Solubility : 10 mM in DMSO



Biological Activity

Amifostine thiol (Amitiotine, WR-1065) is an active metabolite of the cytoprotector Amifostine, which is a broad-spectrum cytoprotective agent and a radioprotector, activates p53 through a JNK-dependent signaling pathway.

References

Jaroslaw Dziegielewski, et al. Free Radic Biol Med. 2008 Dec 15; 45(12): 1674-1681.

Olivier Pluquet, et al. J Biol Chem. 2003 Apr 4;278(14):11879-87. J Biol Chem. 2003 Apr 4;278(14):11879-87.

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

E-mail: tech@probechem.com