

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Amifostine thiol dihydrochloride, CAS [[14653-77-1]] BYT-ORB1296180

Article Name	Amifostine thiol dihydrochloride, CAS [[14653-77-1]]
Biozol Catalog Number	BYT-ORB1296180
Supplier Catalog Number	orb1296180
Alternative Catalog Number	BYT-ORB1296180-1, BYT-ORB1296180-10, BYT-ORB1296180-25, BYT-ORB1296180-5, BYT-ORB1296180-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Amifostine thiol dihydrochloride (WR-1065) is a cytoprotective agent that activates p53 via a JNK-dependent pathway. It is widely used in research to investigate radioprotection and chemoprotection in normal tissues during in vitro and in vivo oncolo...
Molecular Weight	207.165
Purity	>99.99% (May vary between batches)
CAS Number	[14653-77-1]
Formula	C5H16Cl2N2S
Target	MDM-2/p53,p53
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (4.83 mM),DMSO:24 mg/mL (115.85 mM),H2O:100 mg/mL (482.71 mM)