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## Product Datasheet

### Thiocolchicine, CAS [[2730-71-4]] BYT-ORB1303136

Article Name	Thiocolchicine, CAS [[2730-71-4]]
Biozol Catalog Number	BYT-ORB1303136
Supplier Catalog Number	orb1303136
Alternative Catalog Number	BYT-ORB1303136-1, BYT-ORB1303136-10, BYT-ORB1303136-100, BYT-ORB1303136-25, BYT-ORB1303136-5, BYT-ORB1303136-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Thiocolchicine is a potent tubulin polymerization inhibitor (IC <sub>50</sub> =2.5 µM, K <sub>i</sub> =0.7 µM) that induces apoptotic cell death. It serves as a cytotoxic payload in Antibody-Drug Conjugate (ADC) development and is used in cancer research for both in vitro mec...
Molecular Weight	415.5
Purity	98.19% (May vary between batches)
CAS Number	[2730-71-4]
Formula	C <sub>22</sub> H <sub>25</sub> N <sub>5</sub> O <sub>5</sub> S
Target	Microtubule Associated,Apoptosis
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (7.94 mM),DMSO:95 mg/mL (228.64 mM)