

Product Name	: Thiabendazole
Synonyms	: NSC 90507; NSC 525040; TBZ; Tiabendazole
Cat No.	: M12054
CAS Number	: 148-79-8
Molecular Formula	: C ₁₀ H ₇ N ₃ S
Formula Weight	: 201.25
Chemical Name	: 4-(1H-1,3-benzodiazol-2-yl)-1,3-thiazole
Description	: Thiabendazole is an Anthelmintic. Thiabendazole is a benzimidazole compound that acts as a fungicide and is reported to have antineoplastic effects.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Microtubule/Tubulin
Receptor	: Tubulin β
Solubility	: Ethanol: 1 mg/mL (4.96 mM); DMSO: 40 mg/mL (198.75 mM)
SMILES	: <chem>C1(C2=NC3=CC=CC=C3N2)=CSC=N1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Cha, HJ, et al. PLoS Biology, 2012, Aug, 10 (8).