

Product Name	: Parbendazole
Synonyms	: SKF 29044
Cat No.	: M20537
CAS Number	: 14255-87-9
Molecular Formula	: C ₁₃ H ₁₇ N ₃ O ₂
Formula Weight	: 247.29
Chemical Name	: —
Description	: Parbendazole is a potent inhibitor of microtubule assembly (EC ₅₀ : 8.79 nM). Parbendazole is a carbamate ester-amine. It finds applications in control or treatment of nematode infestations.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Microtubule/Tubulin
Receptor	: microtubule
Solubility	: DMSO: 4 mg/mL (16.18 mM)
SMILES	: <chem>CCCCc1ccc2nc(NC(=O)OC)[nH]c2c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Lo Y C, Senese S, France B et al. Computational Cell Cycle Profiling of Cancer Cells for Prioritizing FDA-Approved Drugs with Repurposing Potential[J]. Scientific Reports 2017 7(1):11261.