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## Product Datasheet

### Permethrin, CAS [[52645-53-1]] BYT-ORB1308949

Article Name	Permethrin, CAS [[52645-53-1]]
Biozol Catalog Number	BYT-ORB1308949
Supplier Catalog Number	orb1308949
Alternative Catalog Number	BYT-ORB1308949-1,BYT-ORB1308949-100,BYT-ORB1308949-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Permethrin (NRDC-143) is a synthetic pyrethroid insecticide widely employed in research on ectoparasitic infestations like lice and scabies. Its mechanism of action, involving sodium channel modulation, is studied in both in vitro neurotoxicity assay...
Molecular Weight	391.29
Purity	99.54% (May vary between batches)
CAS Number	[52645-53-1]
Formula	C <sub>21</sub> H <sub>20</sub> Cl <sub>2</sub> O <sub>3</sub>
Target	Mitochondrial Metabolism,Sodium Channel,ATPase,Parasite
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.11 mM),DMSO:50 mg/mL (127.78 mM)