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## Product Datasheet

### 1,3-Diphenylisobenzofuran, CAS [[5471-63-6]] BYT-ORB1297703

Article Name	1,3-Diphenylisobenzofuran, CAS [[5471-63-6]]
Biozol Catalog Number	BYT-ORB1297703
Supplier Catalog Number	orb1297703
Alternative Catalog Number	BYT-ORB1297703-1, BYT-ORB1297703-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	1,3-Diphenylisobenzofuran (DPBF) is a selective fluorescent probe for detecting singlet oxygen, with which it reacts to form a cleavable endoperoxide. It is widely used in vitro to monitor reactive oxygen species (ROS) generation in photodynamic ther...
Molecular Weight	270.32
Purity	99.25% (May vary between batches)
CAS Number	[5471-63-6]
Formula	C20H14O
Target	Others,Reactive Oxygen Species,ROS
Application Notes	Solubility: DMSO:6.94 mg/mL (25.67 mM)