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## Product Datasheet

### Patulin, CAS [[149-29-1]] FBM-10-2097

Article Name	Patulin, CAS [[149-29-1]]
Biozol Catalog Number	FBM-10-2097
Supplier Catalog Number	10-2097
Alternative Catalog Number	FBM-10-2097-1MG, FBM-10-2097-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Oxidative- and ER-stress inducer...
Molecular Weight	154.12
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[149-29-1]
Formula	C7H6O4
Application Notes	A mycotoxin found in contaminated fruits. Increases ROS generation and oxidative stress in cells which is mediated by p53. <sup>1</sup> Displays cytotoxic effects on a variety of cell lines. <sup>2</sup> Causes damage to several organs including liver and kidney in laboratory animals. <sup>3</sup> Triggers NRF2-mediated survival mechanisms in kidney cells. <sup>4</sup> Induces apoptosis through a ROS-mediated ER stress pathway. <sup>5</sup>