



Clofazimine PRODUCT DATA SHEET

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Product Name:	Clofazimine
Product Number:	C201
CAS Number:	2030-63-9
Molecular Formula:	$C_{27}H_{22}Cl_2N_4$
Molecular Weight:	473.40
Appearance:	Red to dark-red crystal or powder
Melting Point:	212 - 213°C
Storage Conditions:	≤30°C
Description:	Clofazimine is a unique rhimophenazine dye with antibacterial, antiinflammatory, and antituberculosis properties.
Mechanism of Action:	The mode of action for the biological activity of clofazimine is unknown but it is thought to act on neutrophils and monocytes.
Spectrum:	Clofazimine is active against Gram-positive bacteria with little to no activity against Gram-negative bacteria.
References:	Arbiser, Jack L., and Samuel L. Moschella. "Clofazimine: A Review of Its Medical Uses and Mechanisms of Action." <i>Journal of the American Academy of Dermatology</i> 32.2 (1995): 241-47.

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