



LKT Laboratories, Inc.

Myclobutanil

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Product Information

Product ID M9608

CAS No. 88671-89-0

Chemical Name α -Butyl- α -(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile

Synonym Nova, Rally, Systhane

Formula $C_{15}H_{17}ClN_4$

Formula Wt. 288.78

Melting Point 63-68°C

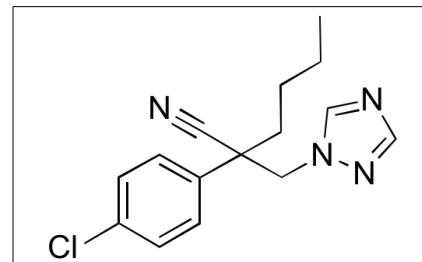
Purity $\geq 97\%$

Solubility Soluble in water and aromatic hydrocarbons. Insoluble in aliphatic hydrocarbons.

Store Temp Ambient

Ship Temp Ambient

Description Myclobutanil is an antifungal compound that suppresses ergosterol and fungal cell wall synthesis by inhibiting sterol 14 α demethylase. Myclobutanil also weakly inhibits testosterone production in mammals.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M9608	5 g	\$76.90
M9608	10 g	\$134.30
M9608	50 g	\$477.60

References Goetz AK, Rockett JC, Ren H, et al. Inhibition of rat and human steroidogenesis by triazole antifungals. *Syst Biol Reprod Med*. 2009 Dec;55(5-6):214-26. PMID: 19938956.

Schnabel G, Jones AL. The 14 α -Demethylase(CYP51A1) Gene is Overexpressed in *Venturia inaequalis* Strains Resistant to Myclobutanil. *Phytopathology*. 2001 Jan;91(1):102-10. PMID: 18944284.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.