

<b>Product Name:</b>	Itraconazole
<b>Product Number:</b>	I006
<b>CAS Number:</b>	84625-61-6
<b>Molecular Formula:</b>	$C_{35}H_{38}Cl_2N_8O_4$
<b>Molecular Weight:</b>	705.63
<b>Form:</b>	Powder
<b>Appearance:</b>	White or off-white powder
<b>Source:</b>	Synthetic
<b>Melting Point:</b>	166-170°C
<b>Storage Conditions:</b>	2-8°C
<b>Description:</b>	Itraconazole is an insoluble triazole antifungal agent.
<b>Mechanism of Action:</b>	Itraconazole increases cell permeability by inhibiting enzymes involved in ergosterol synthesis. The increase of permeability has a toxic effect on the fungi and leads to cell death.
<b>Spectrum:</b>	Itraconazole targets a wide range of fungi Blastomyces, Histoplasma, and Aspergillus.

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