



Product Information

Product ID T6831

CAS No. 55219-65-3

Chemical Name 8-(4-Chlorophenoxy)- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, (1RS, 2RS, 1RS, 2RS)-1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol

Synonym Bayfidan, Baytan, Spinnker, Summit

Formula C₁₄H₁₈ClN₃O₂

Formula Wt. 295.76

Melting Point 112-117°C

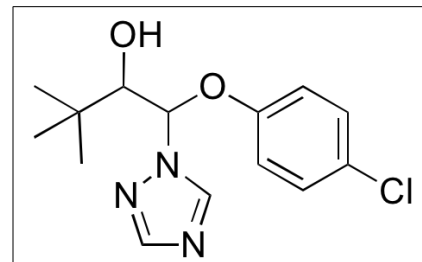
Purity ≥96%

Solubility Soluble in water (0.012 g/100 g), alcohol or ketones.

Store Temp Ambient

Ship Temp Ambient

Description Triadimenol is a metabolite of Triadimefon, a mutagenic antifungal compound used to manage fungal infections in agricultural crops. Like its parent compound, triadimenol may be neurotoxic, as it regulates retinoic acid levels and alters learning and memory function in vivo.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T6831	1 g	\$49.10
T6831	10 g	\$94.30
T6831	25 g	\$194.70
T6831	100 g	\$454.30

References Xi J, Yang Z, Zeng C, et al. Suppressive effect of triadimefon, a triazole fungicide, on spatial learning and reference memory in rats. *Behav Pharmacol.* 2012 Dec;23(8):727-34. PMID: 23080312.

Di Renzo F, Broccia ML, Giavini E, et al. Stage-dependent abnormalities induced by the fungicide triadimefon in the mouse. *Reprod Toxicol.* 2011 Feb;31(2):194-9. PMID: 21055463.

Berg D, Draber W, von Hugo H, et al. The effect of clotrimazole and triadimefon on 3-hydroxy-3-methyl-glutaryl-CoA-reductase-[EC 1.1.1.34]-activity in *Saccharomyces cerevisiae*. *Z Naturforsch C.* 1981 Sep-Oct;36(9-10):798-803. PMID: 7029940.

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