

Product Name:	Paclobutrazol
Product Number:	P052
CAS Number:	76738-62-0
Molecular Formula:	$C_{15}H_{20}ClN_3O$
Molecular Weight:	293.79
Storage Conditions:	2-8°C
Description:	<p>Paclobutrazol acts as a plant growth inhibitor by preventing the biosynthesis of gibberellin, a plant hormone.</p> <p>This product is considered a dangerous good. Quantities above 1 g may be subject to additional shipping fees. Please contact us for specific questions.</p>
Plant Biology Applications	<p>Paclobutrazol is frequently used to prevent shoot growth in fruit-bearing plants to increase yield and induce early fruitset. Paclobutrazol has also shown help plants resist environmental stress.</p>
References:	<p>Hamid, Mohammad. "Mechanism of Paclobutrazol Regulation of Shoot Growth in Sturt's Desert Pea, Swainsona Formosa (G.Don) J. Thompson (syn. Clianthus Formosus) / by Mohammad Monjur Hamid." 19 (1996): <i>Nla.gov</i>. University of New England. Web. 19 Oct. 2012.</p>