

## Putrescine Dihydrochloride PRODUCT DATA SHEET

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Product Name:	Putrescine Dihydrochloride
Product Number:	P103
CAS Number:	333-93-7
Molecular Formula:	$NH_2(CH_2)_4NH_2 \cdot 2HCI$
Molecular Weight:	161.07
Description:	Putrescine is named for its foul smell. It is produced by the breakdown of amino acids after the death of an organism. Putrescine is a polyamine plant growth regulator affecting the synthesis of macromolecules and the development of root systems in plants.
References:	Wu, Q., Zou, Y., He, X., & Luo, P. (2011). Arbuscular mycorrhizal fungi can alter some root characters and physiological status in trifoliate orange (Poncirus trifoliata L. Raf.) seedlings. <i>Plant Growth Regulation</i> , 65(2), 273-278. doi:10.1007/s10725-011-9598-6

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