

<b>Product Name:</b>	Pyrrole-2-carboxylic acid
<b>Product Number:</b>	P102
<b>CAS Number:</b>	634-97-9
<b>Molecular Formula:</b>	$C_5H_5NO_2$
<b>Molecular Weight:</b>	110.1
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Pyrrole-2-carboxylic acid is small amphoteric polar metabolite produced by many <i>Streptomyces</i> species, often co-produced with its dimer, pyrocoll. Pyrrole-2-carboxylic acid is an important dereplication standard in discovery, displaying a distinctive UV spectrum and a broad range of biological activities, albeit weak. More recently, pyrrole-2-carboxylic has demonstrated antiparasitic activity against Trypanosomes by selective proline racemase inhibition and has potent antifungal activity against <i>Phytophthora</i>.</p> <p>Pyrrole-2-carboxylic acid is soluble in ethanol, methanol, DMF and DMSO.</p>
<b>References:</b>	<p>Pyrocoll, an antibiotic, antiparasitic and antitumor compound produced by a novel alkaliphilic <i>Streptomyces</i> strain. Dietera A. et al. J Antibiot. 2003, 56, 639.</p>