

Product Name:	Pyrrole-2-carboxylic acid
Product Number:	P102
CAS Number:	634-97-9
Molecular Formula:	C ₅ H ₅ NO ₂
Molecular Weight:	110.1
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<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>
References:	<p>Pyrocoll, an antibiotic, antiparasitic and antitumor compound produced by a novel alkaliphilic <i>Streptomyces</i> strain. Dietera A. et al. <i>J Antibiot.</i> 2003, 56, 639.</p>