



Oxychloroaphine PRODUCT DATA SHEET

issue date 01/06/2020

Product Name: Oxychloroaphine

Product Number: O029

CAS Number: 550-89-0

Molecular Formula: C₁₃H₉N₃O

Molecular Weight: 223.1

Appearance: Yellow solid

Storage Conditions: -20°C

Description: Oxychloroaphine (1-phenazinecarboxamide) is a simple phenazine produced by several species of *Pseudomonas*. Oxychloroaphine is a weakly active antifungal metabolite that plays a role in the biocontrol of plant diseases by several *Pseudomonas* strains. Oxychloroaphine and related phenazines are important dereplication standards in discovery research to eliminate leads due to high amounts of weakly potent actives.

Oxychloroaphine is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

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