

Product Name:	1,6-dimethoxyphenazine
Product Number:	D056
CAS Number:	13398-79-3
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₂
Molecular Weight:	240.3
Appearance:	Yellow solid
Storage Conditions:	-20°C
Description:	<p>1,6-Dimethoxyphenazine is a simple phenazine produced by several species of Streptomyces. Dimethoxyphenazine is a weakly active antibacterial metabolite with activity against mycobacteria. Dimethoxyphenazine and related phenazines are important dereplication standards in discovery research to eliminate leads due to high amounts of weakly potent actives.</p> <p>1,6-Dimethoxyphenazine is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Phenazines, phenoxazinones and dioxopiperazines from Streptomyces thioluteus. Gerber N.N. J. Org. Chem. 1967, 32, 4055.</p> <p>Phenazine natural products: Biosynthesis, synthetic analogues, and biological activity. Laursen J.B. & Nielsen J. Chem. Rev. 2004, 104, 1663.</p>