

Product Name:	Orfamide B
Product Number:	O026
CAS Number:	939960-35-7
Molecular Formula:	$C_{63}H_{112}N_{10}O_{17}$
Molecular Weight:	1281.6
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Orfamide B is a component of a family of cyclic lipopeptides produced by <i>Pseudomonas fluorescens</i>, reported in 2007. The orfamides were discovered by employing genomic analysis with an isotope-guided fractionation to identify metabolites produced by orphan gene clusters containing non-ribosomal peptide synthetases. Orfamide B has not been further investigated, although its activity is thought to parallel that of orfamide A and other cyclic lipopeptides produced by <i>Pseudomonas</i>.</p> <p>Orfamide B is soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</p>
References:	<p>The genom isotopic approach: a systematic method to isolate products of orphan biosynthetic gene clusters. Gross H. et al. Chem Biol. 2007, 14, 53.</p>