



# Phenelfamycin E PRODUCT DATA SHEET

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<b>Product Name:</b>	Phenelfamycin E
<b>Product Number:</b>	P078
<b>CAS Number:</b>	114451-31-9
<b>Molecular Formula:</b>	$C_{65}H_{95}NO_{21}$
<b>Molecular Weight:</b>	1226.5
<b>Appearance:</b>	Light tan solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Phenelfamycin E is the major analogue of the phenelfamycin complex produced by several species of Streptomyces. The phenelfamycins are potent antibiotics with good activity against Gram positive bacteria, notably Clostridium difficile, however phenelfamycin E has received little attention in the literature.</p> <p>Phenelfamycin E is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</p>
<b>References:</b>	<p>Phenelfamycinism, a novel complex of elfamycin-type antibiotics. Discovery, taxonomy and fermentation. Jackson M. et al. J. Antibiot. 1988, 41, 1293.</p> <p>Phenelfamycins, a novel complex of elfamycin-type antibiotics. II. Isolation and structure determination. Hochlowski J.E. et al. J. Antibiot. 1988, 41, 1300.</p>

If you need any help, contact us: [info@toku-e.com](mailto:info@toku-e.com). Find more information on: [www.toku-e.com/](http://www.toku-e.com/)