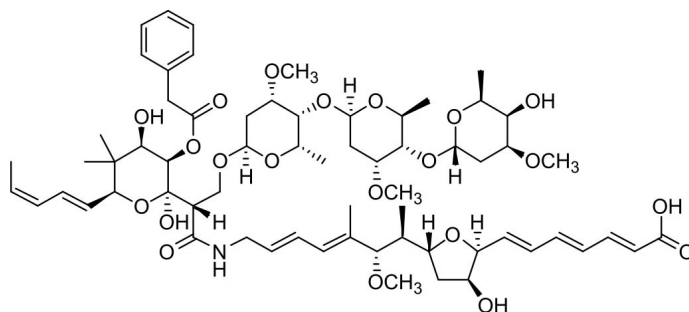


## Phenelfamycin E

Code No.: BIA-P1289

Pack sizes.: 1mg, 5mg



### Synonyms:

LL-E 19020, Ganefromycin- $\alpha$

## Specifications

CAS #	: 114451-31-9
Molecular Formula	: C <sub>65</sub> H <sub>95</sub> NO <sub>21</sub>
Molecular Weight	: 1226.5
Source	: -
Appearance	: <b>Light tan solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</b>

## Application Notes

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.

## References

1. Phenelfamycin, a novel complex of elfamycin-type antibiotics. Discovery, taxonomy and fermentation. Jackson M. et al., J. Antibiot. 1988, 41, 1293.
2. Phenelfamycins, a novel complex of elfamycin-type antibiotics. II. Isolation and structure determination. Hochlowski J.E. et al., J. Antibiot. 1988, 41, 1300.