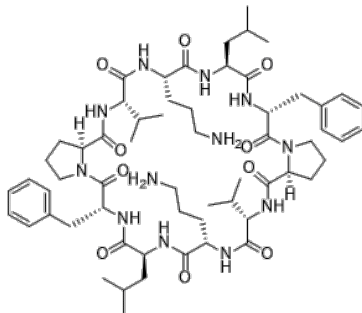


Product Name : Gramicidin S
Cat. No. : PC-28361
CAS No. : 113-73-5
Batch No. : PC-2836101
Chemical Name : (6R,9S,12S,15S,17aS,23R,26S,29S,32S,34aS)-12,29-Bis(3-aminopropyl)-6,23-dibenzyl-9,26-diisobutyl-15,32-diisopropyltetracosahydrodipyrrolo[1,2-a:1',2'-p][1,4,7,10,13,16,19,22,25,28]decaazacyclotriacontine-5,8,11,14,17,22,25,28,31,34-decaone

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 1141.47
Molecular Formula : $C_{60}H_{92}N_{12}O_{10}$
Storage : Powder -20°C 12 Months
 4°C 6 Months
 In solvent -80°C 6 Months
 -20°C 6 Months

Chemical Structure :



ANALYTICAL DATA

Appearance : Solid powder
¹H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with
Purity (HPLC and/or LCMS) : >98%
Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com