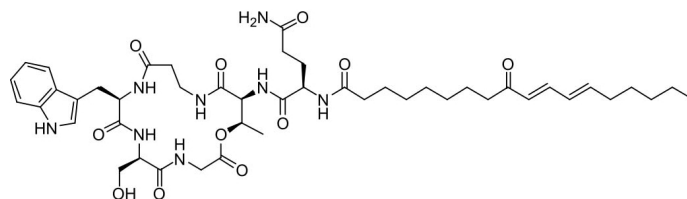


Aselacin C

Pack sizes.: 0.1mg, 0.5mg



Synonyms:

-

Specifications

CAS #	: 156223-08-4
Molecular Formula	: C46H66N8O11
Molecular Weight	: 907.06
Source	: -
Appearance	: White powder
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Aselacin C is a cyclic pentadepsipeptide isolated and its structure elucidated in 1994 from an *Acremonium* species by researchers at Abbott Laboratories. Aselacin C inhibits binding of endothelin to its receptor in bovine atrial and porcine cerebral membranes with an IC50 of approximately 20 mcg/mL.

References

1. Aselacins, novel compounds that inhibit binding of endothelin to its receptor. I. The producing organism, fermentation and biological activity. Jackson M. et al. *J Antibiot* 1994, 47, 523.
2. Aselacins, novel compounds that inhibit binding of endothelin to its receptor. II. Isolation and elucidation of structures. Hochlowski J.E. et al. *J Antibiot* 1994, 47, 528.